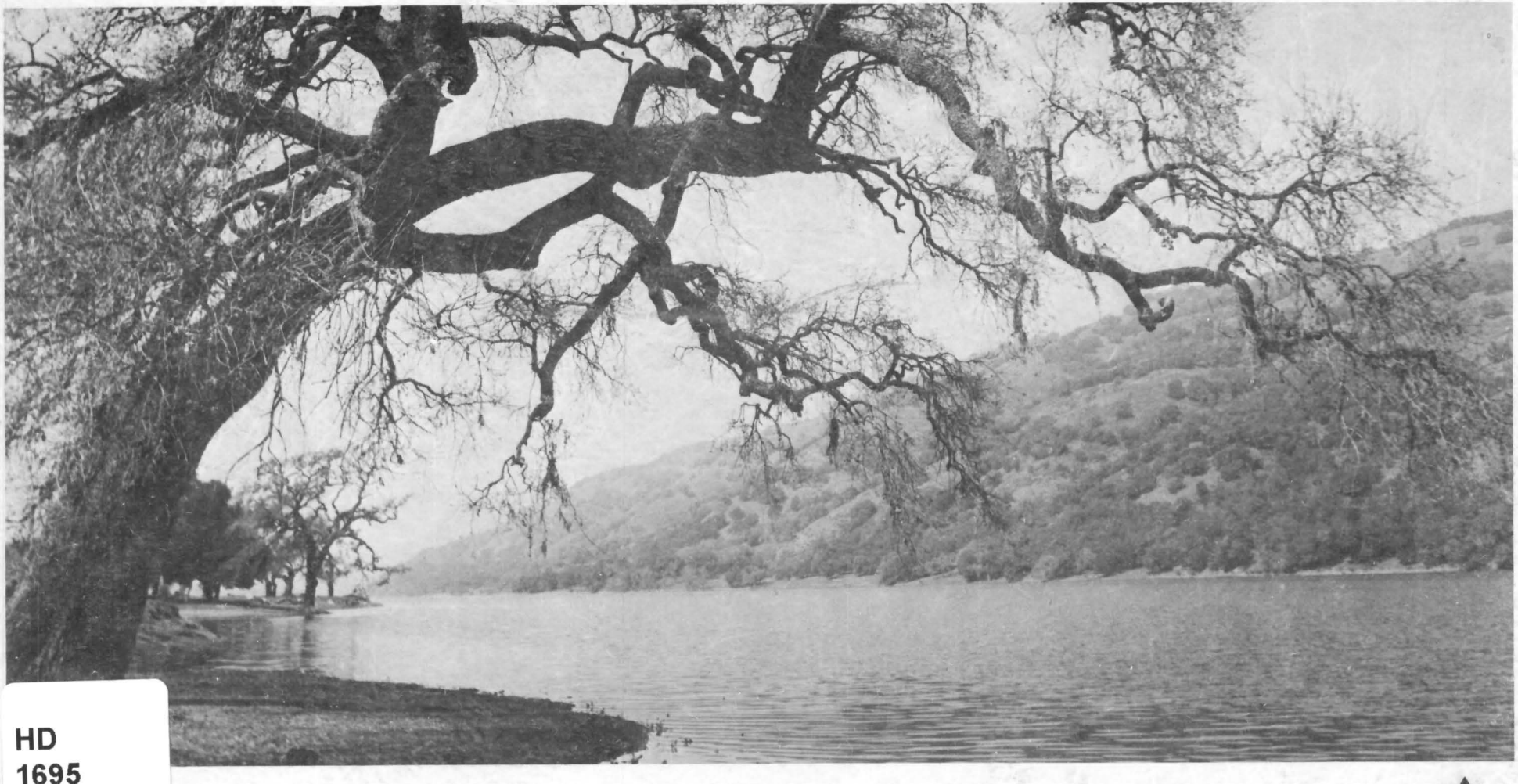
FINAL BUDGET
1981-82



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Santa Clara Valley Water District

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WATER DISTRICT
5750 Almaden Expressway
San Jose, California 95118

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SUBMITTED BY: John T. O'Halloran
General Manager

BOARD OF DIRECTORS

James J. Lenihan, Chairman

Maurice E. Dullea
Patrick T. Ferraro
Robert W. Gross
Linda Peralta
Arthur T. Pfeiffer
Sig Sanchez

SANTA CLARA VALLEY WATER DISTRICT
1981-82

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GENERAL INFORMATION

To finance its activities, the District has been divided into zones of benefit. Five of these zones support flood control activities. The boundary of each zone is described at the beginning of its Budget Summary. Other zones have been established for District administration and to provide financing for the conservation, distribution, reclamation, and treatment of local and imported water.

Ad valorem tax allocations from the Countywide property tax finance the expenditures of each Flood Control Zone. The expenditures within each zone for all programs are presented on the program summary sheets within each zone budget.

Budgeting for the Water Utility is accomplished on an enterprise fund basis. Water supply activities are partially financed by an allocation of the Countywide tax to pay for the cost of import facilities and for the recreational benefits derived from the District's reservoirs. The major source of water supply income is a charge levied on all groundwater extracted within Zone W-2 of the District and from the sale of treated water. Other sources of revenue result from a tax allocation to Zones W-3 and W-4, from the sale of surface-delivered untreated water, and reclaimed water.

The District receives a small Countywide administration tax allocation to purchase fixed assets such as office equipment and to fund general governmental costs required in the overall operation of the District.

BUDGETING PROCESS

The budget is prepared as a cooperative effort of all organizational units and reviewed by a Budget Committee. Responsibility is established for every project in each program. Each work effort is defined by Project Coordinators and each participating organizational unit budgets the items necessary for its successful completion.

Each activity of the District can be related to one of several financial accounting units known as "cost centers". Within each cost center subgroupings of related activities are determined and called programs; an analysis of the major programs would show the following allocation of activities:

PLANNING — includes all labor and contractual services on projects up to the final design activity which is included in the Construction Program. Planning includes all planned studies, the preparation of hearing plans, and certain special studies.

CONSTRUCTION — includes all labor, use or purchase of equipment and contractual services which result in the completion of a project, a substantial improvement to the life or value of a physical project or the acquisition of a new physical asset.

MAINTENANCE — includes all work performed on District projects, facilities or equipment which result in maintaining constructed works or equipment in operating condition.

OPERATIONS includes all work performed in the release, diversion, treatment, reclamation or transportation of water in or through channels or pipelines, ongoing application of District ordinances and land ownership management.

ADMINISTRATION includes all labor and contractual services required in the administration of a cost center.

MAJOR PROJECTS PROPOSED FOR 1981-82

This section will highlight the major projects proposed for 1981-82. It should be noted, however, that all projects in the Planning and Construction Programs are explained within each cost center. Included at the end of each section is a listing of each project showing the amount budgeted for each program.

PLANNING Work within this program provides coordinated studies and planning activities to support the needs of the cost center. Also included in this program is labor to support the Planning Program for surveying, right of way engineering, and technical services. Major planning studies for the 1981-82 fiscal year are:

Cost Center	Project Title	Cost
Allocated	Waterways Planning Study - Phase I	$244,569
Northwest	Waterways Planning Study - Phase II	28,659
Northwest	Adobe Creek	34,904
North Central	Waterways Planning Study - Phase II	28,659
North Central	Calabazas Creek	74,737
North Central	Saratoga Creek	38,922
Central	Waterways Planning Study - Phase II	28,659
Central	Guadalupe River	34,675
Central	Los Gatos Creek	61,022
Central	Ross Creek	99,938
East	Waterways Planning Study - Phase II	38,315
East	Penitencia Creek Upper	63,797
East	Penitencia Creek Lower	30,698
Source of Supply	Saltwater Intrusion Study	112,960
Source of Supply	Hydroelectric Study	46,883
Source of Supply	Federal Water Project	49,889
Source of Supply	Anderson Dam and Reservoir	125,172
Raw Water T&D	Maple Avenue Recharge Facility	46,127
Water Treatment	Penitencia Water Treatment Plant	75,555
Water Treatment	Santa Teresa Water Treatment Plant	137,496
Water Treatment	Rinconada Water Treatment Plant	66,684
Admin. & General	Financial and Cash Flow Study	101,463

Admin. & General	Annual Water Supply Balance	28,432
Admin. & General	Water Reclamation Studies	45,015
Admin. & General	Groundwater Model	43,199
Admin. & General	Water Resouces Master Planning	85,257
Admin. & General	Water Quality Studies	147,597

CONSTRUCTION

The capital improvements budgets include the following major improvements to be initiated or completed in 1981-82. Details may be reviewed within the individual cost center texts.

Cost Center	Project Title	Cost
Northwest	San Francisquito Creek	$ 168,479
Northwest	Stevens Creek	4,916,473
North Central	Calabazas	989,821
North Central	San Tomas Aquino Creek	180,665
Central	Alamitos Creek	977,624
Central	Guadalupe River	4,136,793
Central	Ross Creek	506,703
East	Silver Creek Lower	905,387
East	Penitencia Creek Lower	632,430
East	Thompson Creek	131,298
South	Lower Llagas Creek Watershed Project	1,230,894
Source of Supply	Calero Dam & Reservoir	311,178
Raw Water T&D	Almaden Valley Pipeline	415,099
Raw Water T&D	Cross Valley Pipeline	9,482,722
Water Treatment	Penitencia Water Treatment Plant	305,383
Water Treatment	Rinconada Water Treatment Plant	195,144
Treated Water	West Reservoir	977,063

MAINTENANCE & OPERATIONS

Projects within these programs capture costs associated with the operations of all facilities for the water supply and for the maintenance of all constructed facilities and the equipment in the Flood Control Zones and Water Utility to maintain them in the original or improved condition.

ADMINISTRATION

Work within this program provides a focal point to capture administrative support including District labor and contractual services which benefit the entire cost center and are not allocable to any individual project. Included are costs for Insurance and a general Administrative project.

DISTRICT SALARIES AND STAFFING

The following presents a comparison of actual salaries for fiscal year 1979-80, those approved in fiscal year 1980-81, and those requested for fiscal year 1981-82.

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Permanent Position Salaries	$6,044,526	6,920,276	7,672,269	
Overtime Salaries	121,353	198,114	341,448	
Total	$6,165,879	7,118,390	8,013,717	

The following presents a comparison of the District staff for the past two years and that requested for the new fiscal year. Salaries for temporary employees are being administered by employment agencies.

	1978-79	1979-80	1980-81	New Position Requests	1981-82 Planned Staffing
General Manager	9	8	8		8
General Counsel	1	1	1		1
Clerk of the Board	12	12	12		12
Administration and Finance	46	41	40		43 (a)
Data and Control Systems	17	17	17		0
Chief Engineer	2	2	0		0
Water Supply	29	29	29		30
Flood Control	74	70	70		66 (a)
Operations and Maintenance	105	107	109	7 (b)	126 (a)
Total Authorized Positions	295	287	286	7 (d)	286 (c)

(a) Unfilled Positions:

2 Administration and Finance Unit
4 Flood Control Unit
1 Operations and Maintenance Unit
7

(b) New Positions Requested:

4 Maintenance Worker I's are requested by the Maintenance Division
3 Maintenance Worker III's are requested by the Maintenance Division
7

(c) 286 plus 7 requested = 293 (-) 7 unfilled = 286

(d) Funding derived from reductions in temporary help and contract services.

SANTA CLARA VALLEY WATER DISTRICT
COMPARATIVE BUDGET

REVENUE

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Balance Beginning of Year	$43,069,030	50,657,877	47,780,749	48,554,257
Revenue Sources				
Property Taxes				
Secured	9,757,011	11,882,563	13,716,100	13,726,219
Unsecured	1,082,516	928,900	719,900	916,290
Delinquent	294,901	324,900	483,500	483,500
Interest	4,746,417	7,535,033	8,575,842	8,575,842
Agreements & Advances				
District Loan		364,506	1,280,000	1,280,000
Property Rentals	74,934	68,667	74,273	74,273
U.S. Dept. of Agriculture	83,762			
State Water Resources Control Board		215,062	98,000	98,000
City of Gilroy	69,556	57,341	64,841	64,841
Environmental Protection Agency		955,998	587,998	587,998
Gavilan WCD	34,218	30,618	33,118	33,118
NASA-Ames		120,000	815,000	815,000
CETA	48,643			
Loma Prieta R.C.D.	943	1,000	500	500
City of San Jose & S. Clara County	7,632	192,000	152,745	152,745
Kaufman & Broad			8,000	8,000
State of California	91,533			
Cities of Palo Alto/Mountain View		110,000	84,000	84,000
Bond Sales	18,285,814			
Groundwater Charges	6,059,884	7,198,651	10,312,512	10,312,512
Surface Water Charges	128,074	152,025	120,000	120,000
Treated Water Charges	5,723,490	6,690,590	8,724,923	8,724,923
Reclaimed Water Charges	8,461	7,476	10,387	10,387
Sale of Assets	190,364	17,000	16,000	16,000
Assessment			8,197,961	6,775,605
Miscellaneous	30,784	16,100	20,550	20,550
Total Revenue	46,718,937	36,868,430	54,096,150	52,880,303
Inter-Fund Adjustments	587,489	495,721	494,531	494,531
Total	90,375,456	88,022,028	102,371,430	101,929,091

The Final Budget Reflects appropriations adjustments authorized by Resolution 81-48, dated June 23, 1981 and the Budget Adjustment approved by the Board of Directors on October 13, 1981.

SANTA CLARA VALLEY WATER DISTRICT
COMPARATIVE BUDGET
OUTLAY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
District Labor	$ 7,947,111	9,568,127	10,916,844	10,916,844
Contract Services	13,798,471	47,825,594	48,006,359	46,234,003
Land & Structures	794,827	3,679,700	3,431,666	3,478,066
Equipment	402,180	510,488	730,990	684,590
Subtotal	22,942,589	61,583,909	63,085,859	61,313,503
Loans				
District	172,527	364,506	1,280,000	1,280,000
Other				350,000
Debt Service	3,917,304	6,554,398	6,239,433	6,239,433
Inter-Fund Adjustment	434,639	514,373	494,531	494,531
Total Expenditures	27,467,059	69,017,186	71,099,823	69,677,467
Replacement Appropriation	3,027,790	3,346,623	3,272,979	3,266,648
Major Facility Appropriation		2,171,742	2,567,446	3,055,102
In-County Distribution System Approp.		7,986,869	20,952,440	21,342,498
Inter-Fund Loan Appropriation		3,188,608	2,207,742	2,316,376
Contingency Appropriation	2,408,500	2,311,000	2,271,000	2,271,000
Total Appropriated	32,903,349	88,022,028	102,371,430	101,929,091
Balance End of Year	57,472,107			
Total	$90,375,456	88,022,028	102,371,430	101,929,091

The Final Budget Reflects appropriations adjustments authorized by Resolution 81-48, dated June 23, 1981 and the Budget Adjustment approved by the Board of Directors on October 13, 1981.

SANTA CLARA VALLEY WATER DISTRICT
DETAIL OF BUDGET 1981-82

REVENUE SUMMARY

	FLOOD CONTROL ZONES					WATER		EQUIP. WORK	
	Northwest	No. Central	Central	East	South	UTILITY	DISTRICT	CAP. FUND	TOTAL
Balance Beginning of Year	$2,934,177	418,008	14,629,059	1,426,612	39	23,387,681	4,525,012	1,233,669	48,554,257
Revenue Sources									
Property Taxes									
Secured	833,728	1,138,785	1,341,719	1,208,136	206,213	8,324,221	673,417		13,726,219
Unsecured	87,938	135,924	131,110	118,057	20,151	357,305	65,805		916,290
Delinquent	57,300	70,500	78,700	36,700	24,000	167,800	48,500		483,500
Interest	643,950	527,310	2,045,285	178,828		4,346,819	648,450	185,200	8,575,842
Agreements & Advances									
Loan					1,280,000				1,280,000
Property Rental	57,300	3,100	7,595	300	5,978				74,273
Cities of Palo Alto & Mountain View	84,000								84,000
NASA-Ames	815,000								815,000
City of San Jose & Santa Clara Co.			152,745						152,745
Gavilan WCD					5,000	28,118			33,118
Loma Prieta R.C.D.					500				500
City of Gilroy					7,500	57,341			64,841
Grants						685,998			685,998
Kaufman & Broad				8,000					8,000
Groundwater Charges						10,312,512			10,312,512
Surface Water Charges						120,000			120,000
Treated Water Sales						8,724,923			8,724,923
Reclaimed Water Sales						10,387			10,387
Sales of Assets								16,000	16,000
Assessment	1,183,450	1,653,607	2,053,645	1,526,503	358,400				6,775,605
Miscellaneous	100	100	100		250	10,000	10,000		20,550
Total Revenue	3,762,766	3,529,326	5,810,899	3,076,524	1,907,992	33,145,424	1,446,172	201,200	52,880,303
Inter-Fund Adjustment:									
Equipment W.C.F.								494,531	494,531
Land Use Review/Admin. Contribution	(154,588)	(212,776)	(245,778)	(215,382)	(39,950)		868,474		
Land Use Review/Admin. Reimbursement	144,653	173,461	186,396	202,152	161,812		(868,474)		
Total	$6,687,008	3,908,019	20,380,576	4,489,906	2,029,893	56,533,105	5,971,184	1,929,400	101,929,091

The Final Budget Reflects appropriations adjustments authorized by Resolution 81-48, dated June 23, 1981 and the Budget Adjustment approved by the Board of Directors on October 13, 1981.

SANTA CLARA VALLEY WATER DISTRICT
DETAIL OF BUDGET 1981-82

OUTLAY SUMMARY

	FLOOD CONTROL ZONES					WATER		EQUIP. WORK	
	Northwest	No. Central	Central	East	South	UTILITY	DISTRICT	CAP. FUND	TOTAL
District Labor	$ 853,271	805,627	1,021,145	763,663	543,094	5,894,861	747,486	287,697	10,916,844
Contract Services	4,530,200	1,556,689	17,880,506	2,143,009	751,475	18,823,922	192,452	355,750	46,234,003
Land & Structures	603,260	15,000	616,706		597,700	1,599,000	46,400		3,478,066
Equipment						75,500	351,190	257,900	684,590
Subtotal	5,986,731	2,377,316	19,518,357	2,906,672	1,892,269	26,393,283	1,337,528	901,347	61,313,503
Loans									
District							1,280,000		1,280,000
Other				350,000					350,000
Debt Service	228,468	738,021				5,272,944			6,239,433
Inter-Fund Adjustment	48,645	62,727	46,978	46,620	16,496	223,810	37,280	11,975	494,531
Total Expenditures	6,263,844	3,178,064	19,565,335	3,303,292	1,908,765	31,890,037	2,654,808	913,322	69,677,467
Replacement Appropriation						2,300,570		966,078	3,266,648
Major Facilities Appropriation	413,164	719,955	715,241	1,086,614	120,128				3,055,102
In-County Distribution Sys. Approp.						21,342,498			21,342,498
Inter-Fund Loan Appropriation							2,316,376		2,316,376
Contingency Appropriation	10,000	10,000	100,000	100,000	1,000	1,000,000	1,000,000	50,000	2,271,000
Total Appropriated	6,687,008	3,908,019	20,380,576	4,489,906	2,029,893	56,533,105	5,971,184	1,929,400	101,929,091
Balance End of Year									
Total	$6,687,008	3,908,019	20,380,576	4,489,906	2,029,893	56,533,105	5,971,184	1,929,400	101,929,091

The Final Budget Reflects appropriations adjustments authorized by Resolution 81-48, dated June 23, 1981 and the Budget Adjustment approved by the Board of Directors on October 13, 1981.

FLOOD CONTROL ZONES

NORTHWEST

NORTH CENTRAL

CENTRAL

EAST

SOUTH

NORTHWEST ZONE

REVENUE SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Balance Beginning of Year	$4,516,895	3,899,378	2,940,000	2,934,177
Revenue Sources				
Property Taxes	1,032,598	1,079,400	960,601	969,031
Interest	483,247	472,995	643,950	643,950
Agreements and Advances	36,256	281,000	956,300	956,300
Assessment			1,417,439	1,183,450
Other	21,431		100	100
Total Revenue Sources	1,573,532	1,833,395	3,978,390	3,752,831
Total Available	$6,090,427	5,732,773	6,918,390	6,687,008

OUTLAY SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Planning	$ 30,942	19,336	114,512	114,512
Construction	756,190	4,645,427	5,369,863	5,135,874
Maintenance	224,291	273,696	607,095	607,095
Operations			116,324	116,324
Administration	152,730	153,380	61,571	61,571
Total Program Outlay	1,164,153	5,091,839	6,269,365	6,035,376
Debt Service	241,342	234,959	228,468	228,468
Major Facility Appropriation		395,975	410,557	413,164
Contingency Appropriation	150,000	10,000	10,000	10,000
Total Appropriated	1,555,495	5,732,773	6,918,390	6,687,008
Balance End of Year	4,534,932			
Total	$6,090,427	5,732,773	6,918,390	6,687,008

BACKGROUND INFORMATION

The Northwest Zone is defined by geographic boundaries encompassing the tributaries and watersheds of San Francisquito Creek, Matadero Creek, Barron Creek, Adobe Creek, Stevens Creek and Permanente Creek. Also included in this zone is Stevens Creek Reservoir. The geographic area includes the Cities of Palo Alto, Los Altos, Los Altos Hills and Mountain View and portions of Cupertino and Sunnyvale.

Planning Program

The funds budgeted in this program are to provide for the continuation of coordination with the Corps of Engineers on the San Francisco Bay Shoreline Planning Study, continuation of the Districtwide waterways planning study and completion of the Adobe Creek planning report. Planning projects are:

San Francisco Bay Shoreline Study — $2,041

This study will provide for liaison with a Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Bay shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study — $77,567

This project completes the first phase of a Waterways Planning Study which supports the preparation of basin plans within the District's hydrologic zones. Added this year are an allocation of costs for the Benefit Assessment election and the flood mapping part of the second phase in order to better illustrate desirability of the assessment program.

Adobe Creek — $34,904

The suspended planning study will be completed.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $5,135,874 includes the following projects:

Ordinance Construction — $10,024

This project provides labor needed to review, condition, and inspect construction of flood control projects by others.

Adobe Creek — $37,538

This project consists of preparing the plans and specifications for the Adobe Creek Channel between Louis Road and El Camino Real.

Permanente Creek $3,360

This project provides funds for purchase of an easement under the dedication policy.

San Francisquito Creek $168,479

This is a joint project with the City of Palo Alto for stabilization of the creek bank adjacent to Palo Alto Avenue near Marlowe Street. Construction and other related costs will be borne jointly by the City and the District.

Stevens Creek $4,916,473

This is a continuing project started in 1978-79 and this year consists of preparation of plans and specifications and construction and land acquisition on Stevens Creek between Evelyn Avenue and the Bay. Construction on the project between Homestead Road and Evelyn Avenue began in 1980-81. The project also provides for purchase of property subject to potential bank failure along Diericx Drive.

Maintenance Program

Funds budgeted in this project provide for maintenance requirements within the Cost Center. The total amount of $607,095 budgeted in this program reflects the increase contemplated in the Benefit Assessment program.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budgeted amount of $116,324 includes the following projects:

Land Use Review $99,903

Application of Ordinance 74-1 to assist other agencies in land use decisions.

Technical Services $16,421

Field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects. Cost of annual review of assessment programs and charges for assessment collections are budgeted in this project.

Administration Program

This program includes Insurance and Administrative Projects.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			99,903		99,903
Technical Services				16,421		16,421
Ordinance Construction		10,024				10,024
San Francisco Bay Shoreline Study	2,041					2,041
Waterways Planning Study	77,567					77,567
Insurance					33,242	33,242
Administrative Projects					28,329	28,329
Adobe Creek	34,904	37,538				72,442
Permanente Creek		3,360				3,360
San Francisquito Creek		168,479				168,479
Stevens Creek		4,916,473				4,916,473
Northwest Zone - Maintenance			607,095			607,095
Total	$114,512	5,135,874	607,095	116,324	61,571	6,035,376

NORTH CENTRAL ZONE

REVENUE SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Balance Beginning of Year	$ 5,864,302	2,837,812	425,000	418,008
Revenue Sources				
Property Taxes	1,602,854	1,840,400	1,186,990	1,305,894
Interest	460,412	348,809	527,310	527,310
Agreements and Advances	34,848		3,100	3,100
Assessment			1,750,230	1,653,607
Other	4,340		100	100
Total Revenue Sources	2,102,454	2,189,209	3,467,730	3,490,011
Total Available	$ 7,966,756	5,027,021	3,892,730	3,908,019

OUTLAY SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Planning	$ 21,400	147,513	193,267	193,267
Construction	2,939,805	2,972,956	1,319,030	1,222,407
Maintenance	436,056	459,177	808,155	808,155
Operations			144,626	144,626
Administration	195,339	189,278	71,588	71,588
Total Program Outlay	3,592,600	3,768,924	2,536,666	2,440,043
Debt Service	743,347	732,915	738,021	738,021
Major Facility Appropriation		475,182	608,043	719,955
Contingency Appropriation	50,000	50,000	10,000	10,000
Total Appropriated	4,385,947	5,027,021	3,892,730	3,908,019
Balance End of Year	3,580,809			
Total	$ 7,966,756	5,027,021	3,892,730	3,908,019

BACKGROUND INFORMATION

The North Central Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Guadalupe Slough, Sunnyvale West Outfall, Sunnyvale East Outfall, Calabazas Creek, San Tomas Aquino Creek and Saratoga Creek. The geographic area includes the City of Saratoga and portions of the Cities of Sunnyvale, Santa Clara, Campbell, Cupertino, Monte Sereno, San Jose and the Town of Los Gatos.

Planning Program

The funds budgeted in this program provide for continuation of coordination with the Corps of Engineers on the San Francisco Bay Shoreline Study, continuation of the Districtwide Waterways Planning Study and planning studies on Calabazas and Saratoga Creeks. Planning projects are:

San Francisco Bay Shoreline Study — $2,041

This study will provide for liaison with a Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Bay shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study — $77,567

This project completes the first phase of a Waterways Planning Study which supports the preparation of basin plans within the District's hydrologic zones. Added this year are an allocation of costs for the Benefit Assessment election and the flood mapping part of the second phase in order to better illustrate desirability of the assessment program.

Calabazas Creek — $74,737

This scope of work was requested by the City of Saratoga and will result in an Engineer's Report on the reach from the headwaters to Prospect Road. It also provides for the investigation of erosion damage at various locations on the creek.

Saratoga Creek — $38,922

This project provides funds for completion of the Engineer's Report/EIR for the reach from Lawrence Expressway to Cabrillo Avenue. The City of Santa Clara recommended the gabion channel alternative to deal with erosion and flood problems within that area.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $1,222,407 includes the following projects:

Ordinance Construction $17,762

This project provides labor needed to review, condition, and inspect construction of flood control projects by others.

Calabazas Creek $989,821

This project is for enlargement of culverts at Pomeroy Avenue, Benton Street and Lawrence Expressway and an erosion repair project near Mt. Eden Road.

San Tomas Aquino Creek $180,665

This project provides for completion of construction between Saratoga Creek and Bayshore Freeway.

Saratoga Creek $34,159

This project provides funds for the preparation of plans and specifications for a project between Lawrence Expressway and Cabrillo Avenue.

Maintenance Program

Funds budgeted in this program provide for normal maintenance requirements within the Cost Center. The total amount of $808,155 budgeted in this program reflects the increase contemplated in the Benefit Assessment program.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budget amount of $144,626 includes the following projects:

Land Use Review $125,097

Application of Ordinance 74-1 to assist other agencies in land use decisions.

Technical Services $19,529

Field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects. Cost of annual review of assessment programs and charges for assessment collections are budgeted in this project.

Administration Program

This program includes Insurance and Administrative Projects.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			125,097		125,097
Technical Services				19,529		19,529
Ordinance Construction		17,762				17,762
San Francisco Bay Shoreline Study	2,041					2,041
Waterways Planning Study	77,567					77,567
Insurance					42,753	42,753
Administrative Projects					28,835	28,835
Calabazas Creek	74,737	989,821				1,064,558
San Tomas Aquino Creek		180,665				180,665
Saratoga Creek	38,922	34,159				73,081
North Central Zone - Maintenance			808,155			808,155
Total	$ 193,267	1,222,407	808,155	144,626	71,588	2,440,043

CENTRAL ZONE

REVENUE SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Balance Beginning of Year	$12,075,925	12,275,918	14,585,000	14,629,059
Revenue Sources				
Property Taxes	1,184,207	1,257,300	1,420,965	1,492,147
Interest	1,430,537	1,504,491	2,045,285	2,045,285
Agreements and Advances	110,200	201,455	160,340	160,340
Assessment			2,607,763	2,053,645
Other	98,929		100	100
Total Revenue Sources	2,823,873	2,963,246	6,234,453	5,751,517
Total Available	$14,899,798	15,239,164	20,819,453	20,380,576

OUTLAY SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Planning	$ 16,492	56,809	294,195	294,195
Construction	343,723	13,938,636	18,906,975	18,352,857
Maintenance	301,912	373,913	708,095	708,095
Operations			160,890	160,890
Administration	208,168	188,404	49,298	49,298
Total Program Outlay	870,295	14,557,762	20,119,453	19,565,335
Debt Service				
Major Facility Appropriation		581,402	600,000	715,241
Contingency Appropriation	400,000	100,000	100,000	100,000
Total Appropriated	1,270,295	15,239,164	20,819,453	20,380,576
Balance End of Year	13,629,503			
Total	$14,899,798	15,239,164	20,819,453	20,380,576

BACKGROUND INFORMATION

The Central Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Guadalupe River. The major tributaries are Los Gatos Creek, Canoas Creek, Ross Creek, Guadalupe Creek and Alamitos Creek. Also included in this zone are Calero, Almaden, Guadalupe, Lexington and Vasona Reservoirs. The geographic area includes portions of the Cities of Santa Clara, San Jose, Campbell, Monte Sereno and the Town of Los Gatos.

Funds budgeted in the program provide for continuation of coordination with the Corps of Engineers on the San Francisco Bay Shoreline and Guadalupe River studies, continuation of the Districtwide Waterways Planning Study and planning studies on Guadalupe River, Los Gatos and Ross Creeks. Planning projects are:

Guadalupe River Corps of Engineers Study $18,952

This project provides District support for the Corps of Engineers' study on Guadalupe River and Adjacent Streams. The study will review alternative flood protection projects on the Guadalupe River and a ring levee around Alviso.

San Francisco Bay Shoreline Study $2,041

This study will provide for liaison with a Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Bay shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study $77,567

This project completes the first phase of a Waterways Planning Study which supports the preparation of basin plans within the District's hydrologic zones. Added this year are an allocation of costs for the Benefit Assessment election and the flood mapping part of the second phase in order to better illustrate desirability of the assessment program.

Guadalupe River $34,675

An Engineer's Report will be prepared for bridge modifications at Coleman Avenue and Julian Street.

Los Gatos Creek $61,022

A Planning Study will be made for the reach between the Guadalupe River confluence and Vasona Dam.

Ross Creek $99,938

This project is to analyze and find solutions for flooding problems on the creek from the confluence of Guadalupe River to Camden Avenue.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $18,352,857 includes the following projects:

Ordinance Construction — $23,435

This project provides labor needed to review, condition, and inspect construction of flood control projects by others.

Alamitos Creek — $977,624

This project consists of replacement of the Graystone Lane Bridge as a cooperative project with the City of San Jose and Santa Clara County, and preparation of plans and specifications for revegetation of the creek and Almaden Pipeline projects (estimated future cost $336,000).

Guadalupe River — $16,835,382

This project provides funds for advanced right of way acquisition and local share of construction costs for the U. S. Corps of Engineers' Guadalupe River Project between Highway 17 and Curtner Avenue. It also provides funds for land acquisition under the District's dedication policy and for finalization of land rights with SPRR and others for the relocation of railroad track in the vicinity of Gold Street and the Guadalupe River. Plans, specifications, and construction of a levee raising project from the SPRR (Alviso) to Bayshore Freeway and modifications to the bridges at Coleman Avenue and Julian Street are included.

Los Gatos Creek — $9,713

This project provides funds for the acquisition of a parcel from the City of San Jose.

Ross Creek — $506,703

This project provides funds for replacing the inadequate bridge on Ross Creek at Cherry Avenue.

Maintenance Program

Funds budgeted in this program provide for maintenance requirements within the Cost Center. The budgeted amount of $708,095 reflects the increase contemplated in the Benefit Assessment program.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budgeted amount of $160,890 includes the following projects:

Land Use Review $141,343

Application of Ordinance 74-1 to assist other agencies in land use decisions.

Technical Services $19,547

Field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects. Cost of annual review of assessment programs and charges for assessment collections are budgeted in this project.

Administration Program

This program includes Insurance and Administrative Projects.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			141,343		141,343
Technical Services				19,547		19,547
Ordinance Construction		23,435				23,435
Guadalupe River C of E Study	18,952					18,952
San Francisco Bay Shoreline Study	2,041					2,041
Waterways Planning Study	77,567					77,567
Insurance					23,792	23,792
Administrative Projects					25,506	25,506
Alamitos Creek		977,624				977,624
Guadalupe River	34,675	16,835,382				16,870,057
Los Gatos Creek	61,022	9,713				70,735
Ross Creek	99,938	506,703				606,641
Central Zone - Maintenance			708,095			708,095
Total	$ 294,195	18,352,857	708,095	160,890	49,298	19,565,335

EAST ZONE

REVENUE SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Balance Beginning of Year	$1,653,679	853,280	1,400,000	1,426,612
Revenue Sources				
Property Taxes	1,012,566	1,061,500	1,136,482	1,349,663
Interest	184,145	176,332	178,828	178,828
Agreements and Advances	11,738	300	8,300	8,300
Assessment			2,032,785	1,526,503
Other	2,934			
Total Revenue Sources	1,211,383	1,238,132	3,356,395	3,063,294
Total Available	$2,865,062	2,091,412	4,756,395	4,489,906

OUTLAY SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Planning	$ 68,154	162,689	202,042	202,042
Construction	443,280	665,939	2,222,334	1,716,052
Maintenance	323,588	332,261	805,047	805,047
Operations			177,988	177,988
Administration	241,512	210,340	52,163	52,163
Total Program Outlay	1,076,534	1,371,229	3,459,574	2,953,292
Loan			350,000	350,000
Major Facility Appropriation		620,183	846,821	1,086,614
Contingency Appropriation	90,000	100,000	100,000	100,000
Total Appropriated	1,166,534	2,091,412	4,756,395	4,489,906
Balance End of Year	1,698,528			
Total	$2,865,062	2,091,412	4,756,395	4,489,906

BACKGROUND INFORMATION

The East Zone is defined by geographic boundaries encompassing the tributaries and watersheds of Coyote Creek. The major tributaries are Lower Penitencia Creek, Scott Creek, Berryessa Creek, Upper Penitencia Creek, Silver Creek, Thompson Creek, Fisher Creek and Packwood Creek. Also included in this zone are Anderson and Coyote Reservoirs. The geographic area includes the City of Milpitas and portions of the Cities of San Jose and Morgan Hill.

Planning Program

Funds budgeted in the program provide for continuation of coordination with the Corps of Engineers on the San Francisco Bay Shoreline and Berryessa Creek studies, the Soil Conservation Service Silver Creek Study, the Waterways Planning Study and planning studies on Upper and Lower Penitencia Creeks. Planning projects are:

San Francisco Bay Shoreline Study $2,055

This study will provide for liaison with a proposed Corps of Engineers' study to examine the various alternatives for providing protection to the San Francisco Shoreline from saltwater flooding. 25 percent of the total cost of this project is allocated to each of the Northwest, North Central, Central and East Flood Control Zone Cost Centers.

Waterways Planning Study $87,223

This project is the completion, early in the year, of the first and second phases of the Waterways Planning Study. This work was not quite completed in 1980-81. Also included this year is an allocation of costs for the Benefit Assessment election.

Silver Creek - Lower $11,437

This project provides for the nonreimbursable coordination and liaison work on the proposed Lower Silver Creek Watershed Project. The Soil Conservation Service is conducting the Watershed Planning Study.

Berryessa Creek $6,832

This project provides for the nonreimbursable coordination and liaison work on the proposed Berryessa Creek Section 205 Small Flood Control Project by the Corps of Engineers.

Penitencia Creek Upper $63,797

An Engineer's Report for a flood protection project from Coyote Creek to Dorel Drive will be prepared.

Penitencia Creek Lower $30,698

An Engineer's Report for a flood protection project from Coyote Creek to Spence Avenue will be prepared.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement of the life or value of existing physical assets. The budgeted amount of $1,716,052 includes the following projects:

Ordinance Construction $46,937

This project provides labor needed to review, condition, and inspect construction of flood control projects by others.

Silver Creek - Lower $905,387

Preparation of plans and specifications and construction of enlargement of the box culvert at King and McKee Roads.

Thompson Creek $131,298

This project provides for completion of plans and specifications and installation of plant materials from Quimby Creek to future Tully Road.

Penitencia Creek Lower $632,430

Preparation of plans and specifications and beginning construction on the reach between Berryessa Creek and Spence Avenue.

Maintenance Program

Funds budgeted in this program provide for maintenance requirements within the Cost Center. The total amount of $805,047 budgeted in this program reflects the increase comtemplated in the Benefit Assessment program.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budgeted amount of $177,988 includes the following projects:

Land Use Review $160,194

Application of Ordinance 74-1 to assist other agencies in land use decisions.

Technical Services $17,794

Field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects. Cost of annual review of assessment programs and charges for assessment collections are budgeted in this project.

Administration Program

This program includes Insurance and Administrative Projects.

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			160,194		160,194
Technical Services				17,794		17,794
Ordinance Administration		46,937				46,937
San Francisco Bay Shoreline Study	2,055					2,055
Waterways Planning Study	87,223					87,223
Insurance					27,999	27,999
Administrative Projects					24,164	24,164
Berryessa Creek	6,832					6,832
Silver Creek - Lower	11,437	905,387				916,824
Penitencia Creek - Upper	63,797					63,797
Penitencia Creek - Lower	30,698	632,430				663,128
Thompson Creek		131,298				131,298
East Zone - Maintenance			805,047			805,047
Total	$202,042	1,716,052	805,047	177,988	52,163	2,953,292

SOUTH ZONE

REVENUE SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Balance Beginning of Year	$ 143,305		0	39
Revenue Sources				
Property Taxes	196,094	211,100	354,162	372,226
Interest	6,692	1,000		
Agreements and Advances	56,533	7,512	19,228	19,228
Assessment			389,744	358,400
Other	180,525	364,506	1,280,000	1,280,000
Total Revenue Sources	439,844	584,118	2,043,134	2,029,854
Total Available	$ 583,149	584,118	2,043,134	2,029,893

OUTLAY SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Planning	$ 164,662	120,127	95,870	95,870
Construction	202,601	131,844	1,329,517	1,329,517
Maintenance	78,847	85,552	330,164	298,820
Operations			136,996	136,996
Administration	137,039	146,595	47,562	47,562
Total Program Outlay	$ 583,149	484,118	1,940,109	1,908,765
Debt Service				
Major Facility Appropriation		99,000	102,025	120,128
Contingency Appropriation		1,000	1,000	1,000
Total Appropriated	$ 583,149	584,118	2,043,134	2,029,893
Balance End of Year				
Total	$ 583,149	584,118	2,043,134	2,029,893

BACKGROUND INFORMATION

The South Zone is defined by geographic boundaries encompassing the tributaries and watersheds of the Pajaro River in Santa Clara County. The major tributaries are Little Llagas Creek, Llagas Creek, West Branch of the Llagas Creek, Uvas-Carnadero Creek, Pescadero Creek and Pacheco Creek. The zone includes the City of Gilroy and portions of the Cities of San Jose and Morgan Hill.

Planning Program

Funds budgeted in this program provide for continuation of coordination with the Corps of Engineers on the Uvas-Carnadero Project, the Soil Conservation Service on the Llagas project and continuation of the Waterways Planning Study. Planning projects are:

Pajaro River, Corps of Engineers' Study $8,673

This project provides for liaison with the Corps of Engineers in their study of the Upper Pajaro River Basin, particularly the Uvas-Carnadero Creek area.

Waterways Planning Study $48,937

This project completes the first phase of a Waterways Planning Study which supports the preparation of basin plans within the District's hydrologic zones. Added this year are an allocation of costs for the Benefit Assessment election and the flood mapping part of the second phase in order to better illustrate desirability of the assessment program.

Public Law 566 (Upper) $19,300

This project provides for nonreimbursable funds required to coordinate planning work with State, Federal and local agencies on the Upper Llagas Creek.

Public Law 566 (Lower) $18,960

This project provides for nonreimbursable funds required to coordinate planning work with State, Federal and local agencies on the Lower Llagas Creek.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $1,329,517 is required for the following projects:

Ordinance Construction $21,677

This project provides labor needed to review, condition, and inspect construction of flood control projects by others.

Uvas-Carnadero Creek $23,323

This project provides funds for advance right of way activities.

Upper Llagas Creek Watershed Project $53,623

This project provides payment for reimbursable items relating to right of way acquisition, and relocation of bridges and utilities on this project.

Lower Llagas Creek Watershed Project $1,230,894

This project provides for payment for reimbursable land acquisition and design work by the District, utility relocation and channel design for portions of the Llagas Creek near Highway 152 and in the City of Gilroy.

Maintenance Program

Funds budgeted in this program provide for the maintenance requirements within the Cost Center. The budgeted amount of $298,820 reflects the increase contemplated in the Benefit Assessment program.

Operations Program

This program provides funds for ongoing land use review and land ownership management. The budgeted amount of $136,996 includes the following projects:

Land Use Review $124,432

Application of Ordinance 74-1 to assist other agencies in land use decisions.

Technical Services $12,564

Field identification of District lands and land rights not a part of dedication proceedings or active budgeted projects. Cost of annual review of assessment programs and charges for assessment collections are budgeted in this project.

Administration Program

This program includes Insurance and Administrative Projects.

Project	PROGRAM					
	Planning	Construction	Maintenance	Operations	Administration	Project Totals
Land Use Review	$			124,432		124,432
Technical Services				12,564		12,564
Ordinance Administration		21,677				21,677
Pajaro River C of E Study	8,673					8,673
Waterways Planning Study	48,937					48,937
Insurance					22,746	22,746
Administrative Projects					24,816	24,816
Uvas-Carnadero Creek		23,323				23,323
Upper Llagas Ck Watershed Project		53,623				53,623
Lower Llagas Ck Watershed Project		1,230,894				1,230,894
Public Law 566 (Upper)	19,300		11,527			30,827
Public Law 566 (Lower)	18,960					18,960
South Zone - Maintenance			287,293			287,293
Total	$ 95,870	1,329,517	298,820	136,996	47,562	1,908,765

WATER UTILITY

SOURCE OF SUPPLY

RAW WATER TRANSMISSION & DISTRIBUTION

WATER TREATMENT

TREATED WATER TRANSMISSION & DISTRIBUTION

ADMINISTRATION AND GENERAL

BACKGROUND INFORMATION

The Water Utility is operated on an Enterprise Fund Basis. Revenue is derived from water sales and from ad valorem taxes allocated by the County Controller as provided by law. A portion of the ad valorem tax is refunded by the District directly to the Cities of Palo Alto, Mountain View, Sunnyvale, Milpitas, Santa Clara, San Jose and to Stanford University and the Purissima Hills Water District. Each of these entities purchase imported water from the City and County of San Francisco's Hetch Hetchy Water Supply System.

A $56,000,000 Revenue Bond issue was approved by the voters in May 1977. Series A, consisting of $2,000,000 in bonds was sold in June 1978. Series B, consisting of $21,000,000 in bonds was sold in April of 1980. The proceeds from this sale of revenue bonds are being used primarily to construct the Almaden Valley Pipeline and the Cross Valley Pipeline.

The major sources of water supply income are from charges levied on all groundwater extracted within Zone W-2 of the District and from the sale of approximately 72,400 acre-feet of treated water. Groundwater production for this fiscal year is an estimated 160,000 acre-feet for nonagricultural purposes and 14,000 acre-feet for use by agriculture. Other water charges will be made for surface water diversion and the sale of reclaimed water in the Palo Alto and Gilroy areas.

The water zones within the Water Utility Enterprise and a brief description of each follows:

Zone W-2 This zone encompasses the Santa Clara Valley Groundwater Basin north of Metcalf Road. It includes those groundwater producing facilities that benefit from the recharge of the basin with local and imported water. A charge is levied for all groundwater extracted within this zone.

Zone W-3 This zone encompasses the land within the Coyote and Llagas Groundwater Basins in the area of Metcalf Road on the north to just south of the City of Morgan Hill. Part of the Countywide property tax within the one percent limit is allocated to this zone. Sub-zones identified as W-3.1, 3.2, 3.3 and 3.5 are local areas within the total Zone W-3 and groundwater charges are levied for water extracted within these areas.

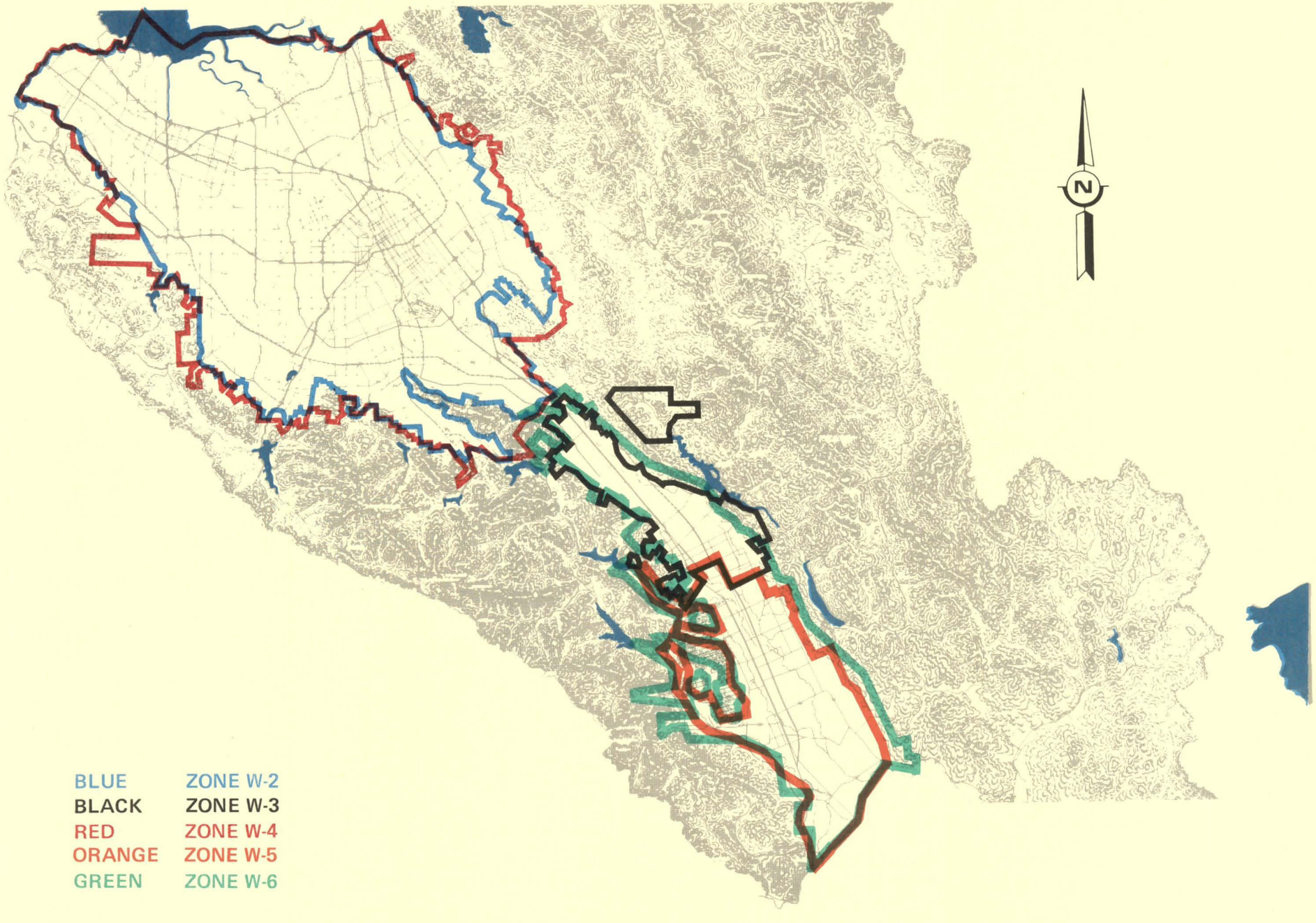
Zone W-4 This zone contains all of Zone W-2 and lands outside Zone W-2 that use or otherwise benefit from locally conserved water and from the importation and distribution of water from the South Bay Aqueduct. This area also receives an allocation of the Countywide tax levied and is used to pay for the cost of water to recover the accumulated overdraft, control land surface subsidence and sustain the emergency supply of water.

Zone W-5 This zone is comprised of the entire groundwater basin from Metcalf Road south to the Pajaro River. However, for the year 1981-82 no groundwater extraction charge will be levied and the requirement for filing production statements has been waived.

Zone W-6 This zone is comprised of the area of the Gavilan Water Conservation District. However, for 1981-82 no groundwater extraction charge will be levied and the requirement for filing water production statements has been waived.

Under uniform accounting practices adopted by the State, it is necessary to divide expenditures of the Water Utility Enterprise into various categories called cost centers. These cost centers are Source of Supply, Raw Water Transmisison and Distribution, Water Treatment, Treated Water Transmission and Distribution, and Administration and General. Appropriations for each of these cost centers are shown separately.

WATER UTILITY ZONES



REVENUE SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Balance Beginning of Year	$12,763,763	24,799,699	22,690,749	23,387,681
Revenue Sources				
Property Taxes	5,500,834	7,047,163	9,156,200	8,849,326
Interest	1,524,923	4,356,684	4,346,819	4,346,819
Agreements and Advances	86,620	1,256,519	771,457	771,457
Groundwater Charges	6,059,884	7,198,651	10,312,512	10,312,512
Surface Water Charges	128,074	152,025	120,000	120,000
Reclaimed Water Sales	8,461	7,476	10,387	10,387
Treated Water Sales	5,723,490	6,690,590	8,724,923	8,724,923
Bond Sales	18,285,814		-	
Miscellaneous	67,181	10,000	10,000	10,000
Total Revenue Sources	37,385,281	26,719,108	33,452,298	33,145,424
Total Available	$50,149,044	51,518,807	56,143,047	56,533,105

OUTLAY SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Planning	$ 687,158	1,224,199	1,170,780	1,170,780
Construction	5,905,312	23,793,208	14,030,545	14,030,545
Maintenance	1,525,300	1,841,311	2,230,341	2,230,341
Operations	5,553,456	6,903,508	8,185,555	8,185,555
Administration	971,273	1,101,766	999,872	999,872
Total Program Outlay	14,642,499	34,863,992	26,617,093	26,617,093
Debt Service	2,934,469	5,586,524	5,272,944	5,272,944
Replacement Appropriation	1,882,197	2,081,422	2,300,570	2,300,570
In-County Distribution System Approp		7,986,869	20,952,440	21,342,498
Contingency Appropriation	739,000	1,000,000	1,000,000	1,000,000
Total Appropriated	20,198,165	51,518,807	56,143,047	56,533,105
Balance End of Year	29,950,879			
Total	$50,149,044	51,518,807	56,143,047	56,533,105

COST CENTER EXPENDITURE SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Source of Supply	$ 5,912,812	6,747,148	8,357,328	8,357,328
Raw Water T&D	14,574,556	23,140,332	11,923,500	11,923,500
Water Treatment	2,607,333	3,059,399	3,940,496	3,940,496
Treated Water T&D	422,461	546,048	1,474,292	1,474,292
Administration & General	1,125,337	1,371,065	921,477	921,477
Total	$14,642,499	34,863,992	26,617,093	26,617,093

PROGRAM EXPENDITURE SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Planning	$ 687,158	1,224,199	1,170,780	1,170,780
Construction	5,905,312	23,793,208	14,030,545	14,030,545
Maintenance	1,525,300	1,841,311	2,230,341	2,230,341
Operations	5,553,456	6,903,508	8,185,555	8,185,555
Administration	971,273	1,101,766	999,872	999,872
Total	$14,642,499	34,863,992	26,617,093	26,617,093

WATER UTILITY RATE SUMMARY

	1978-79	1979-80	1980-81	1981-82
Groundwater				
Agricultural	$ 9.75	11.00	13.50	17.50
Nonagricultural	39.00	44.00	54.00	70.00
Treated Water				
Contract (Scheduled)	80.00	85.00	95.00	130.00
Non-Contract	53.00	60.00	70.00	86.00
Untreated Water				
Agricultural	9.75	11.00	13.50	17.50
Nonagricultural	39.00	44.00	54.00	70.00
Water Master	6.50	6.50	6.50	7.00
Power (Evergreen System)	18.50	19.00	19.00	28.00
Power (Half Road/Coyote Madrone System)	3.75	10.00	10.00	10.00
Minimum Charge	30.00	33.00	39.00	49.00
Capital Cost (Half Road/Coyote Madrone System)	2.75	2.75	2.75	2.75
Reclaimed Water				
Palo Alto Reclamation Facility				
Basic User Charge				
Agricultural	9.75	11.00	13.50	17.50
Nonagricultural	39.00	44.00	54.00	70.00
Water Master Service Charge	6.50	6.50	6.50	7.00
Power Charge	2.00	2.00	2.00	4.00
Gilroy Reclamation Facility				
Agricultural	10.00	10.00	10.00	20.00
Nonagricultural	40.00	40.00	40.00	80.00

WATER UTILITY TAX REVENUE SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Water Fund				
Secured	$1,514,113	1,845,063	2,121,800	2,004,114
Unsecured	248,736	206,400	175,400	195,838
Delinquent	40,658	87,600	131,400	131,400
Total	1,803,507	2,139,063	2,428,600	2,331,352
Zone W-3				
Secured	64,514	66,800	76,100	73,612
Unsecured	9,723	8,000	6,800	7,193
Delinquent	1,351	6,300	9,400	9,400
Total	75,588	81,100	92,300	90,205
Zone W-4				
Secured	364,174	393,700	433,100	486,039
Unsecured	60,115	49,900	42,400	47,495
Delinquent	9,857	18,000	27,000	27,000
Total	434,146	461,600	502,500	560,534
State Water Project				
Secured	803,806	1,875,000	3,625,000	3,625,000
Unsecured				51,397
Total	803,806	1,875,000	3,625,000	3,676,397
Debt Service				
W-1, Secured	2,153,648	2,283,600	2,380,700	2,048,250
W-1, Unsecured	65,235	75,200		55,342
W-1, Delinquent	8,626			
SCVWCD, Secured	83,657	131,400	127,100	87,206
SCVWCD, Unsecured	31	200		40
SCVWCD, Delinquent	72,260			
CSCVWCD				
Secured				
Unsecured				
Delinquent	330			
Total	2,383,787	2,490,400	2,507,800	2,190,838
TOTAL ALL FUNDS	$5,500,834	7,047,163	9,156,200	8,849,326

SOURCE OF SUPPLY

BACKGROUND INFORMATION

The Source of Supply Cost Center is the first of five cost centers which make up the Water Utility Enterprise. The budget for this Cost Center contains all of the anticipated expenditures relating to obtaining and producing a supply of water including all conservation and importation costs.

SUMMARY BY PROGRAM

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Planning	$ 70,693	228,469	354,809	354,809
Construction	2,316,865	1,771,962	2,387,348	2,387,348
Maintenance	271,975	380,532	522,155	522,155
Operations	2,641,144	3,588,523	4,344,853	4,344,853
Administration	612,135	777,662	748,163	748,163
	$5,912,812	6,747,148	8,357,328	8,357,328

Planning Program

Funds budgeted in this program provide for various planning activities, preparation of hearing plans and environmental reports. The budgeted amount of $354,809 reflects an increase of $126,340 compared to the previous year. Planning projects are:

Saltwater Intrusion Study $112,960

This project includes continued monitoring of saltwater intrusion and the location and sealing of wells in the bayfront area that are found to be defective.

Hydroelectric Study $46,883

This project provides funds for coordination of the Federal Energy Regulatory Commission license for hydroelectric generation at Coyote Reservoir and to conduct studies of the proposed facilities at Anderson Reservoir.

Federal Water Project $49,889

This project will provide for the determination of the communications and controls required for the San Felipe Division, CVP, including available alternatives.

Anderson Dam and Reservoir $125,172

This will provide funds for the collection of data and analysis of the spillway capacity and the effect of several identified potential geologic hazards at Anderson Dam.

Calero Dam and Reservoir $19,905

This project provides for the completion of a predesign report for the enlargement of Calero Dam and Reservoir. The reports are in support of a loan application to be presented to the Bureau of Reclamation for funds to enlarge this facility.

Construction Program

This program provides funds for the acquisition and construction of new physical assets or the substantial improvements to the life or value of existing physical assets. The budgeted amount of $2,387,348 includes the following projects:

State Water Project $1,975,000

This project provides funds for the payment to the State of California for the capitalized portion of imported water costs for the State Water Project. The balance of the funds are budgeted in the Operations Program.

Water Reclamation Facility - Palo Alto $1,763

This will provide contract administration for liaison with EPA and SWRQB regarding finalization of the project and the final grant audit.

Small Equipment Replacement $7,500

This project provides for the replacement of equipment in this Cost Center which is not covered by the Replacement Appropriation.

Calero Dam and Reservoir $311,178

This is a cooperative project with the County of Santa Clara and provides funds for the acquisition of land to enlarge Calero Dam and Reservoir, the relocation of McKean Road and land for the park facility.

SOURCE OF SUPPLY

Stevens Creek Dam and Reservoir $46,630

This provides for the design and installation of a remote control valve operation system to regulate water releases from the reservoir.

Vasona Dam and Reservoir $45,277

This project provides for plans, specifications and installation of a remote control valve operation system that will allow control of releases of water at Vasona from Rinconada Water Treatment Plant.

Maintenance Program

Funds budgeted in this program show an increase of $141,623 compared to the preceding year. Funds are for maintenance of the reclamation facility at Palo Alto, monitoring the deformation of the Coyote Dam Spillway, determining the best alternative and estimated cost to bring Stevens Creek Dam into compliance with current earthquake standards, and other maintenance requirements within the Cost Center.

Operations Program

The funds budgeted in this program are for Land Use Review, Land Ownership Management, the inspection and operation of the District's dams and reservoirs, weather modification, the operation of the water reclamation facilities at Palo Alto and Gilroy and the purchase of water from the State Water Project. Funds budgeted in this program show an increase of $756,330 compared to the preceding year.

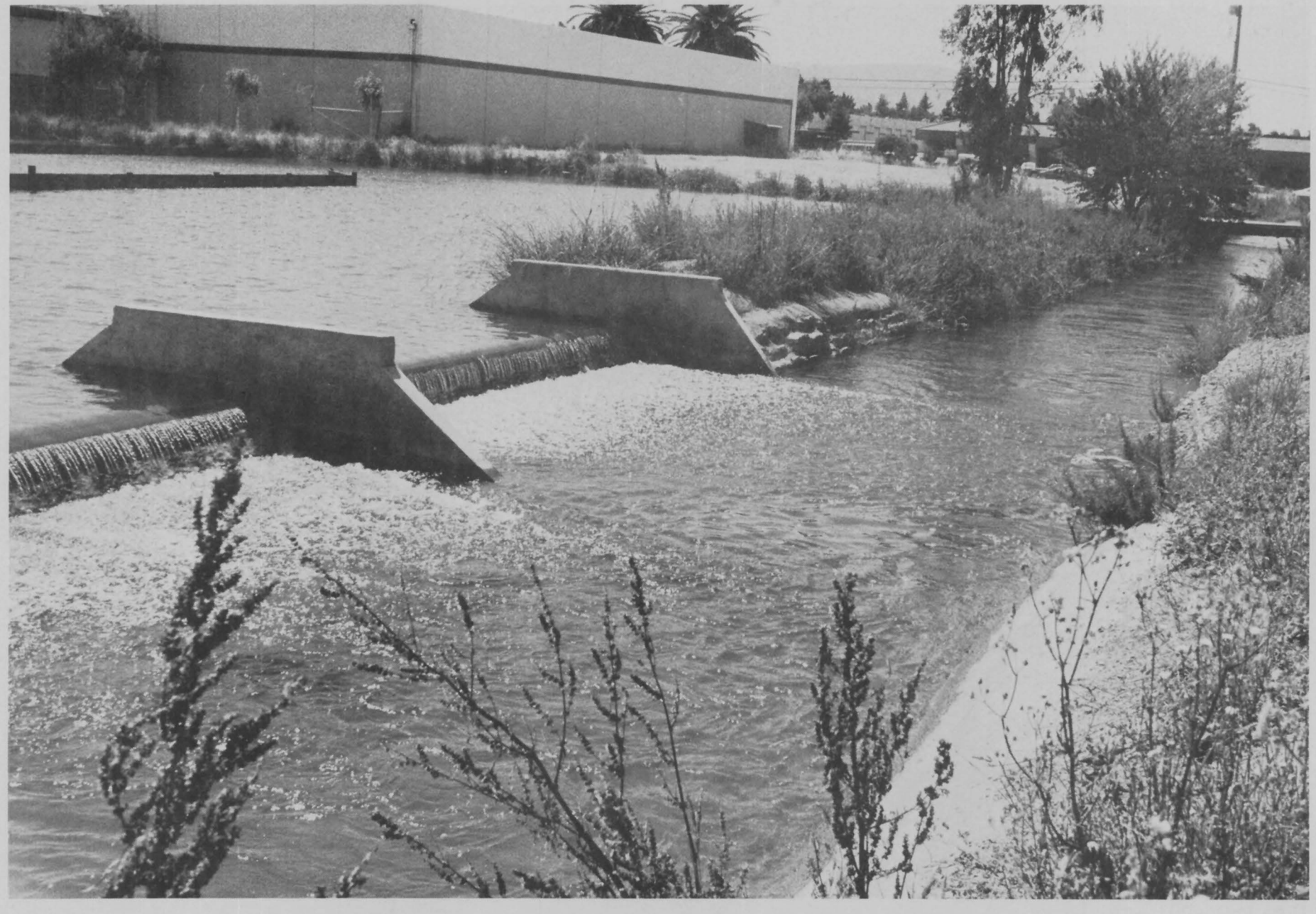
Administration Program

Significant projects within this program include In-County Credit, Water Reclamation, State Water Project, and the Federal Water Project. The budget for fiscal 1981-82 reflects a decrease of $29,499 compared to the preceding year.

SOURCE OF SUPPLY

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			112,368		112,368
Technical Services				5,740		5,740
Saltwater Intrusion Study	112,960					112,960
Hydroelelectric Study	46,883					46,883
Insurance					22,000	22,000
Administrative Projects					17,031	17,031
In-County Credit					407,443	407,443
Dams & Reservoirs - General			50,701			50,701
Water Reclamation Fac.-Gilroy				104,516	62,500	167,016
Water Rights					31,048	31,048
State Water Project		1,975,000		3,650,000	73,538	5,698,538
Federal Water Project	49,889				122,110	171,999
Water Conservation Project					10,000	10,000
Water Reclam. Fac.-Palo Alto		1,763	120,899	310,308		432,970
Hetch Hetchy Water Project					2,493	2,493
Weather Modification				71,060		71,060
Small Equipment Replacement		7,500				7,500
Source of Supply-General			197,023	90,861		287,884
Anderson Dam & Reservoir	125,172					125,172
Calero Dam & Reservoir	19,905	311,178				331,083
Coyote Dam & Reservoir			12,404			12,404
Stevens Creek Dam & Reservoir		46,630	141,128			187,758
Vasona Dam & Reservoir		45,277				45,277
Total	$354,809	2,387,348	522,155	4,344,853	748,163	8,357,328



RAW WATER TRANSMISSION & DISTRIBUTION

BACKGROUND INFORMATION

The Raw Water Transmission and Distribution Cost Center is the second of five cost centers within the Water Utility Enterprise. This Cost Center contains all expenditures relating to the distribution of raw water. The distribution system consists of pipelines, canals and percolation ponds and includes the use of creek systems.

SUMMARY BY PROGRAM

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Planning	$ 36,568	56,143	85,273	85,273
Construction	2,989,671	21,426,322	10,108,543	10,108,543
Maintenance	695,822	775,244	749,409	749,409
Operations	801,102	805,361	956,432	956,432
Administration	51,393	77,262	23,843	23,843
	$4,574,556	23,140,332	11,923,500	11,923,500

Planning Program

Funds budgeted in this program are for the Coyote-Alamitos Canal, Vasona Distribution System, Almaden-Calero Canal, and Maple Avenue Recharge Facility. The $85,273 budgeted reflects a $29,130 increase over the preceding year.

Construction Program

This program provides for the acquisition or construction of new physical assets or the substantial improvements to the life or value of existing physical assets. The budgeted amount of $10,108,543 includes the following projects:

Raw Water Distribution - General $78,912

This provides for a hydraulic transient analysis of the District's existing and proposed raw water distribution system that considers the impact of the interconnection of South Bay Aqueduct and San Felipe Project facilities.

Central Pipeline $39,548

This provides for new digital telemetry equipment on the turnouts replacing the analog tone telemetry as part of the approved long range upgrades to the system.

Vasona Pump Station $13,122

This provides for the design and installation of telemetry to add Vasona Pump Station to the new digital telemetry system.

Almaden Valley Pipeline $415,099

This provides for continuation of construction of the Almaden Pipeline from Calero Reservoir to the existing Almaden Valley Pipeline. It also includes the installation of four remote telemetry stations and remote control valve operation systems to control releases from the pipeline and design and plans for the revegetation of Alamitos Creek.

Cross Valley Pipeline $9,482,722

This is the second major project in this Cost Center necessary to transport water from the San Felipe Project. The Cross Valley Pipeline will transport water from the proposed Coyote Pump Station at the base of Anderson Dam to Calero Reservoir. This will provide funds for the construction of the reach from South Valley Freeway alignment to San Bruno Avenue and the start of design work from San Bruno Avenue to Calero Reservoir.

Stevens Creek Pipeline Control System $67,501

This project provides for the design of a remote control operation system to regulate water releases from the Calabazas Creek Turnout and a new digital telemetry system to be installed on the raw water turnouts.

Evergreen Distribution System $6,639

This project provides funds for the definition and possible design of a pipeline system to deliver treated water from the East Pipeline to irrigation customers in the Evergreen area.

Small Equipment Replacement $5,000

This project provides for the replacement of equipment which is not covered by the Replacement Appropriation.

Maintenance Program

Funds budgeted in this program reflect a $25,835 decrease compared to the preceding year. The funds provide for normal maintenance requirements within the Cost Center. A concrete overflow spillway will be installed at the Main Avenue Percolation Facility. These have been effective in reducing the operation time required for controlling releases to individual ponds.

Operations Program

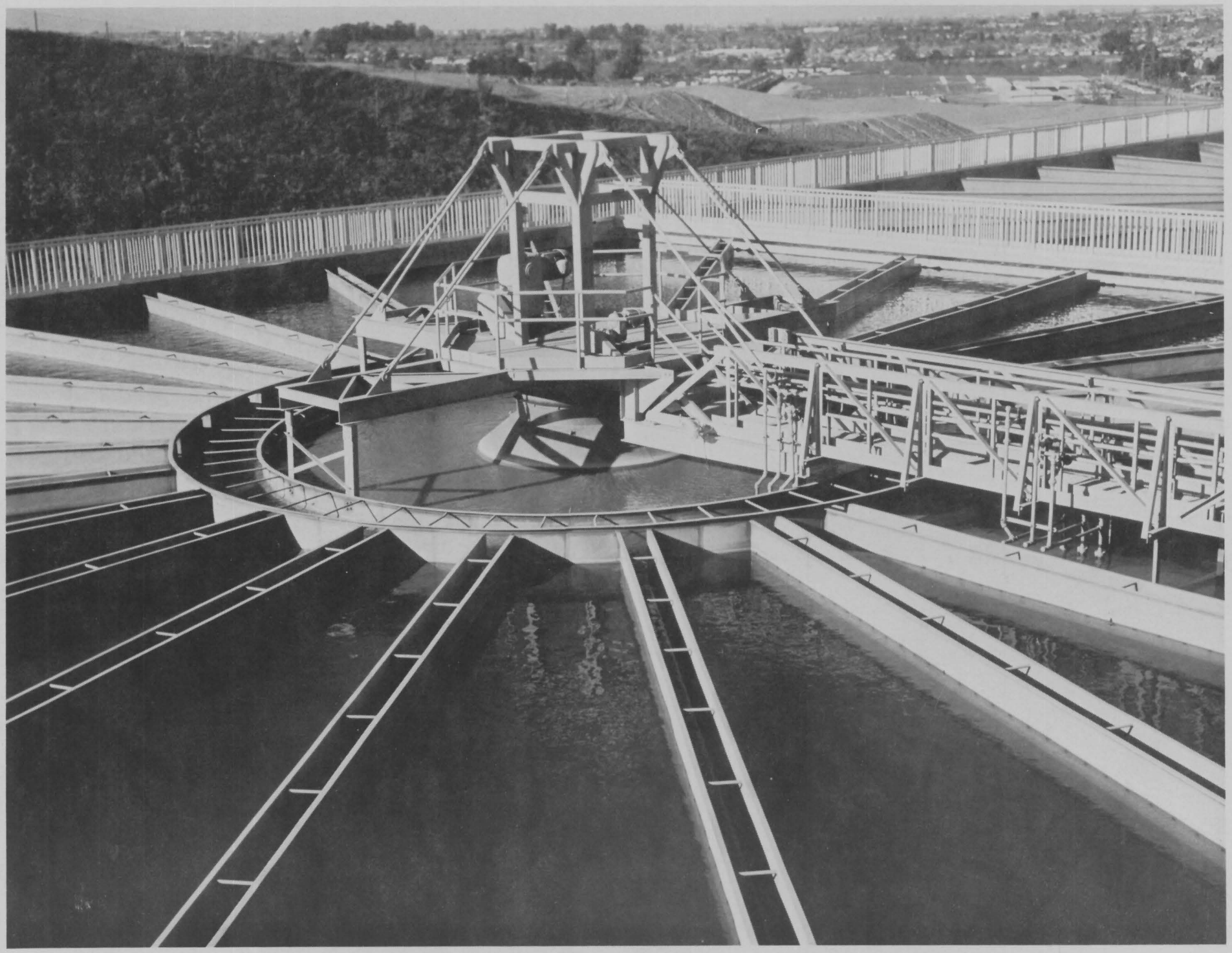
Funds budgeted in this program reflect a $151,071 increase compared to the preceding year. The funds provide for normal operation of the Raw Water Distribution System, Land Use Review and Land Ownership Management.

Administration Program

This program includes Insurance and Administrative Projects. The amount budgeted is $23,843. This program has decreased by $53,419 compared to the preceding year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			36,093		36,093
Technical Services				4,265		4,265
Insurance					13,639	13,639
Administrative Projects					10,204	10,204
Raw Water Distribution-General		78,912		75,426		154,338
Central Pipeline		39,548				39,548
Vasona Pump Station		13,122				13,122
Almaden Valley Pipeline		415,099				415,099
Cross Valley Pipeline		9,482,722				9,482,722
Stevens Creek Pipeline		67,501				67,501
Coyote-Alamitos Canal	13,657					13,657
Evergreen Distribution System		6,639				6,639
Main Avenue Percolation System			31,107			31,107
Vasona Distribution System	16,320					16,320
Almaden-Calero Canal	9,169					9,169
Small Equipment Replacement		5,000				5,000
Raw Water T&D-General			718,302	840,648		1,558,950
Maple Ave Recharge Facility	46,127					46,127
Total	$85,273	10,108,543	749,409	956,432	23,843	11,923,500



WATER TREATMENT

BACKGROUND INFORMATION

The Water Treatment Cost Center is the third of five cost centers in the Water Utility Enterprise. This Cost Center contains all expenditures associated with the purification of water at the Rinconada Water Treatment Plant and the Penitencia Water Treatment Plant.

SUMMARY BY PROGRAM

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Planning	$ (75)	114,460	279,735	279,735
Construction	445,428	474,851	540,471	540,471
Maintenance	484,470	575,859	832,156	832,156
Operations	1,640,210	1,855,076	2,248,146	2,248,146
Administration	37,300	39,153	39,988	39,988
Total	$2,607,333	3,059,399	3,940,496	3,940,496

Planning Program

This program provides funds for studies related to the three water treatment plants. The budgeted amount of $279,735 is $165,275 more than budgeted for this program in the preceding year.

Penitencia Water Treatment Plant — $75,555

This provides for an Engineer's Report and design criteria for the disposal of sludge generated at Penitencia Water Treatment Plant.

Rinconada Water Treatment Plant — $66,684

This provides for an Engineer's Report and design criteria for the disposal of sludge generated at Rinconada Water Treatment Plant.

Santa Teresa Water Treatment Plant $137,496

This provides for continuing studies on the plant location and on conveyance studies concentrating on tunnel alignments.

Construction Program

This program provides funds for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The amount budgeted of $540,471 reflects a $65,620 increase from the preceding year and includes the following projects:

Penitencia Water Treatment Plant $305,383

This project provides funds to install two flash mixers, the Engineer's Report and design criteria for plant expansion, and a modification of the chemical feed systems.

Rinconada Water Treatment Plant $195,144

This project provides funds for the design of modifications to the control system for the plant and modifications to the electrical switch gear and emergency power supply system.

Small Equipment Replacement $8,000

This project provides for the replacement of equipment in this Cost Center which is not covered by the Replacement Appropriation.

Control System - Penitencia Water Treatment Plant $31,944

This project provides labor for the replacement of the master control system logic for the Penitencia Water Treatment Plant and the Eastside Distribution System.

Maintenance Program

Funds budgeted in this program provide for normal maintenance requirements within the Cost Center. This budget of $832,156 is an increase of $256,297 over the preceding year.

Operations Program

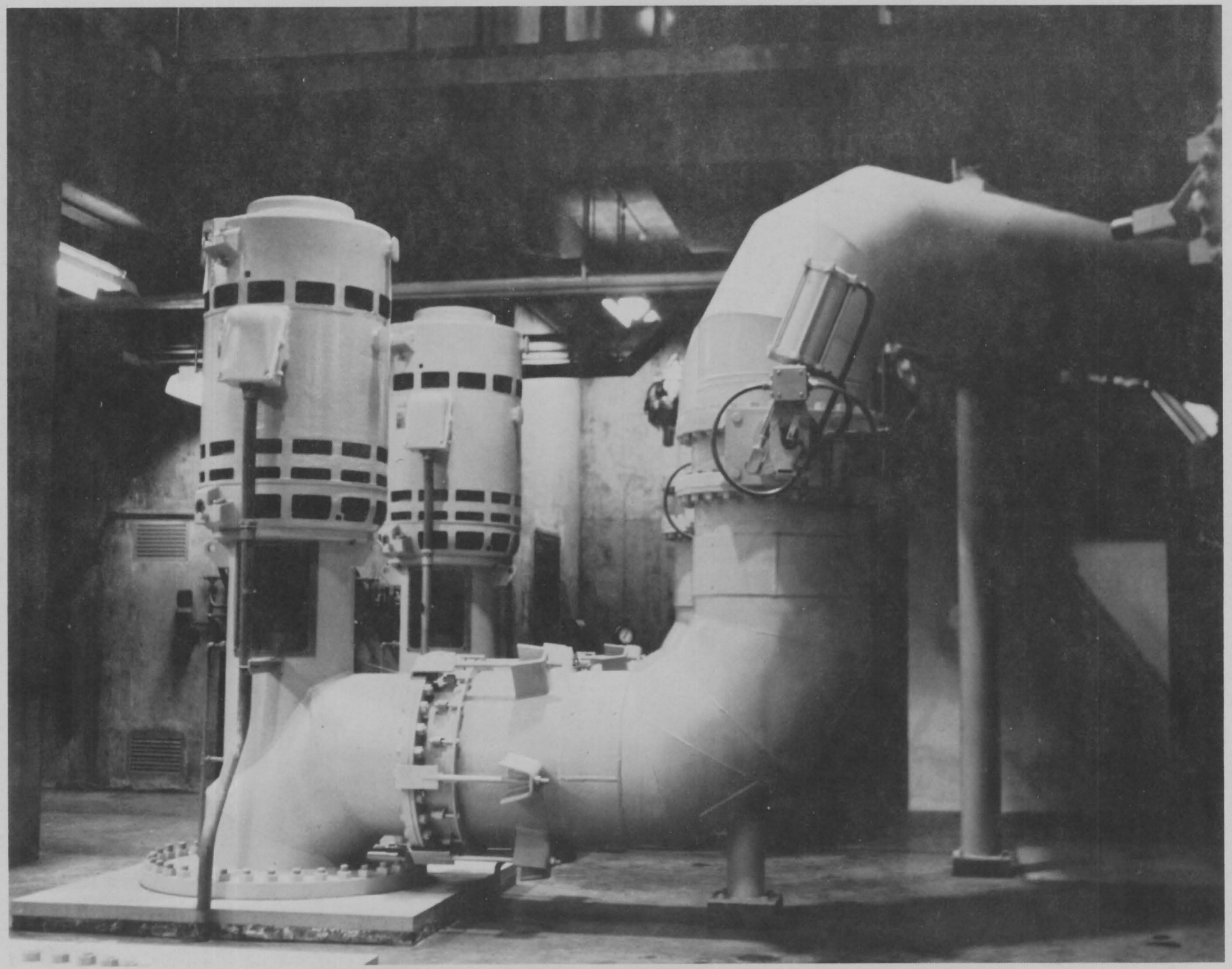
The $2,248,146 budgeted in this program provides for the normal operation of two water treatment plants. The program cost has increased $393,070 over the preceding year. The primary reason is an increase in contract services cost, materials and supplies, utilities, and sludge hauling.

Administration Program

This program contains funds for updating the District's Standard Specifications for flood control and water supply design and the Insurance Project. The budgeted amount of $39,988 is $835 more than budgeted for this program in the preceding year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Insurance	$				37,439	37,439
Update & Revise Std. Specifications					2,549	2,549
Penitencia Water Treatment Plant	75,555	305,383				380,938
Santa Teresa Water Treatment Plant	137,496					137,496
Rinconada Water Treatment Plant	66,684	195,144		10,622		272,450
Control System - PWTP		31,944				31,944
Small Equipment Replacement		8,000				8,000
Water Treatment - General			832,156	2,237,524		3,069,680
Total	$279,735	540,471	832,156	2,248,146	39,988	3,940,496



TREATED WATER TRANSMISSION & DISTRIBUTION

BACKGROUND INFORMATION

The Treated Water Transmission and Distribution Cost Center is the fourth of five cost centers within the Water Utility Enterprise. This Cost Center contains all expenditures relating to the distribution of treated water to retail customers and includes costs associated with the treated water reservoirs, pumping systems, pipelines and turnouts.

SUMMARY BY PROGRAM

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Planning	$ 0	0	0	0
Construction	129,080	117,451	994,183	994,183
Maintenance	73,033	109,676	126,621	126,621
Operations	193,722	285,055	336,226	336,226
Administration	26,626	33,866	17,262	17,262
	$422,461	546,048	1,474,292	1,474,292

Construction Program

This program provides for the acquisition or construction of new physical assets or the substantial improvement to the life or value of existing physical assets. The budgeted amount of $994,183 includes the following projects:

West Reservoir — $977,063

This project provides for the treated water reservoir site land acquisition. This project will provide storage capacity necessary to insure an adequate supply of water to meet peak flow requirements and it will also provide an emergency water supply in the event the Rinconada Water Treatment Plant has to shut down.

West Pipeline — $12,120

These funds provide for an alarm summary log to monitor hardware malfunctions on the West Pipeline and its control equipment.

Small Equipment Replacement — $5,000

This project provides for the replacement of equipment in the Water Utility Enterprise which is not covered by the Replacement Appropriation.

Maintenance Program

Funds budgeted for this program provide for normal maintenance requirements within the Cost Center. This budget is $16,945 higher than the preceding year.

Operations Program

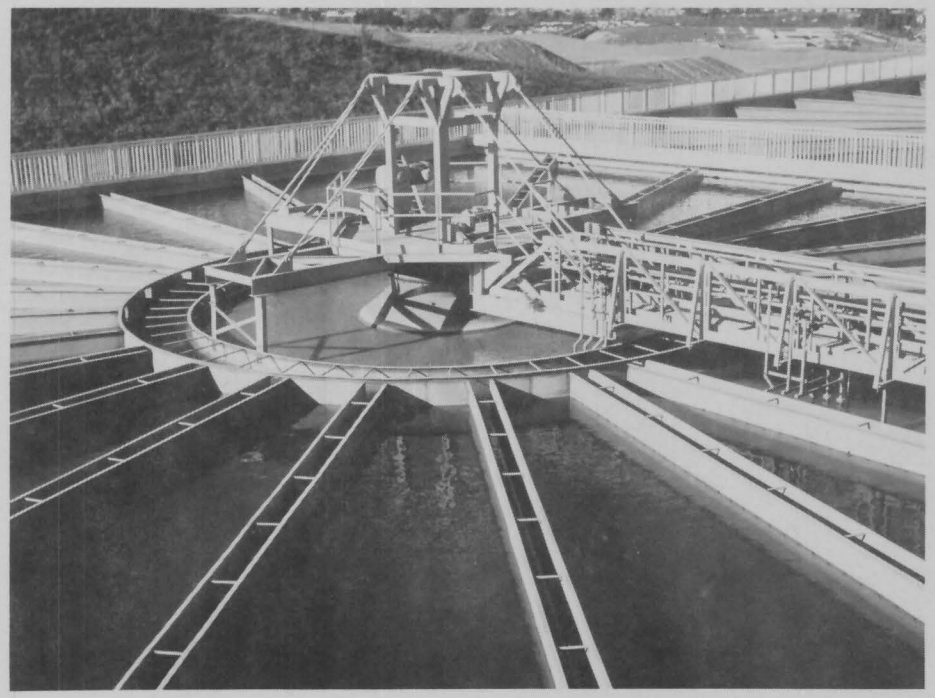
Funds budgeted in this program provide for normal operation of the Treated Water Distribution System, Land Use Review and Land Ownership Management. This budget is $51,171 higher than the preceding year.

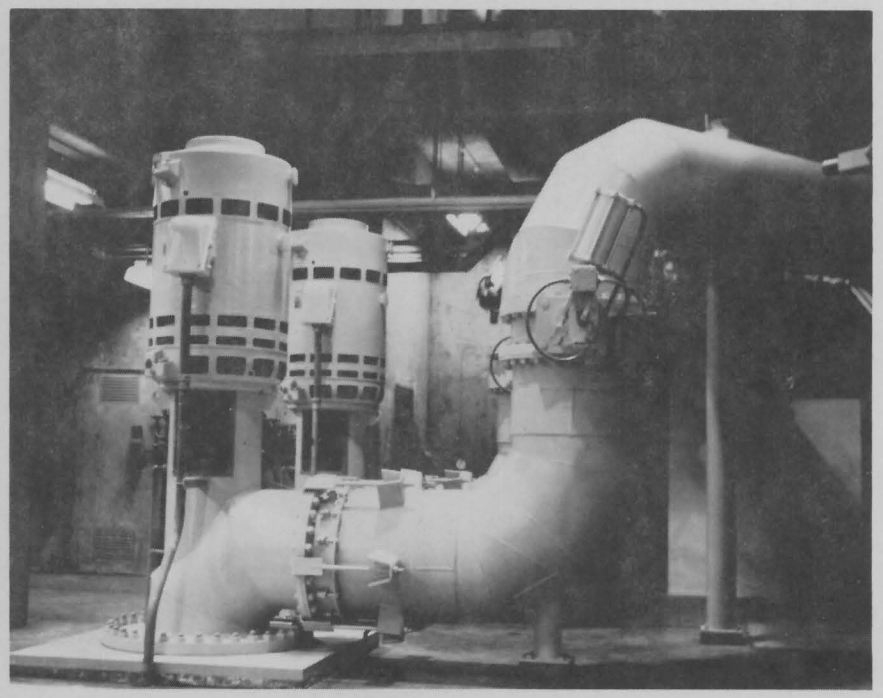
Administration Program

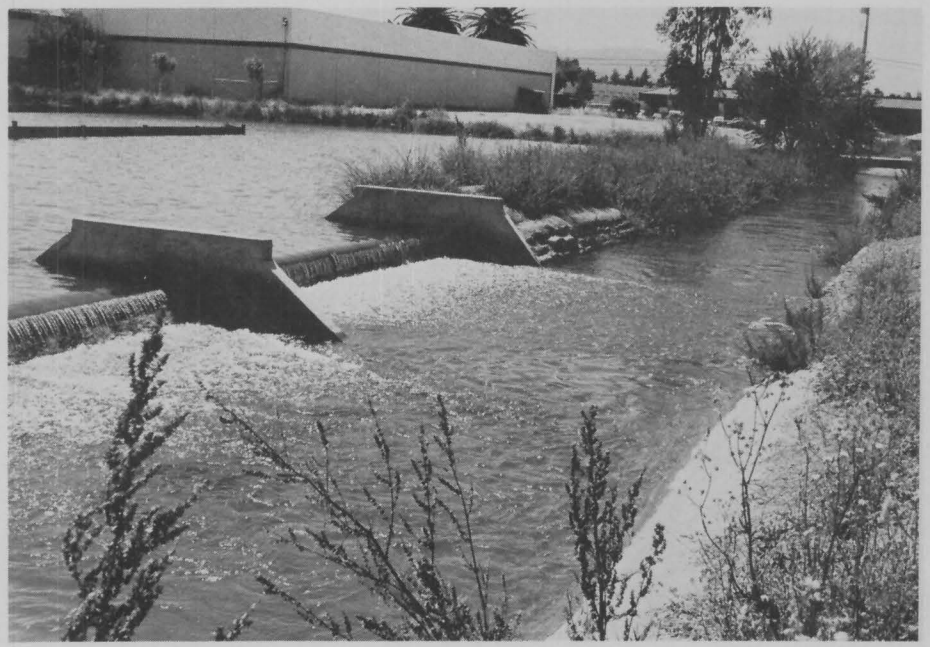
This program includes the Insurance and Administrative Projects. On a comparative basis, this program has a decrease of $16,604 compared to the preceding year.

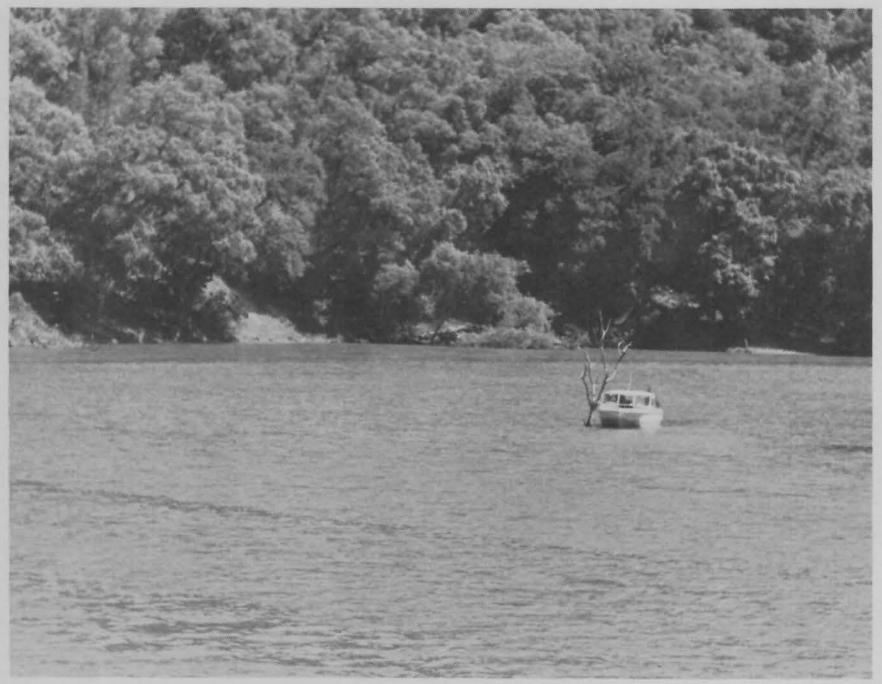
PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Land Use Review	$			14,819		14,819
Technical Services				831		831
Insurance					13,158	13,158
Administrative Projects					4,104	4,104
West Reservoir		977,063				977,063
West Pipeline		12,120				12,120
Small Equipment Replacement		5,000				5,000
Treated Water T&D - General			126,621	320,576		447,197
Total	$	994,183	126,621	336,226	17,262	1,474,292









ADMINISTRATION AND GENERAL

BACKGROUND INFORMATION

The Administration and General Cost Center is the fifth and final Cost Center in the Water Utility Enterprise. It contains all expenditures of an administrative nature which cannot be properly assigned to one of the other four cost centers. Work performed in this Cost Center covers items such as the collection of groundwater charges, pricing analysis, financial and cash flow studies, annual reports and general water management planning.

SUMMARY BY PROGRAM

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Planning	$ 579,972	825,127	450,963	450,963
Construction	24,268	2,622	0	0
Maintenance	0	0	0	0
Operations	277,278	369,493	299,898	299,898
Administration	243,819	173,823	170,616	170,616
	$1,125,337	1,371,065	921,477	921,477

Planning Program

Funds budgeted in this program are $450,963 or $374,164 less than the preceding year. Planning projects are:

Financial and Cash Flow Study — $101,463

This project consists of evaluating the effects on the District's financial position of future revenues and expenditures to consider the various effects on the Water Utility's Financial Cash Flow Position. It also provides funds for the preparation of the Annual Financial Analysis of the Water Utility.

Annual Water Supply Balance — $28,432

This project provides for the continuing analysis of water conditions of the preceding year and the preparation of a report summarizing these findings. The analysis consists of an overall hydrologic balance to determine the net surplus or deficit in groundwater supply and changes in storage. Also included will be information on subsidence, saltwater contamination, water quality and summaries of wastewater reclamation projects.

Water Reclamation Studies $45,015

This provides for support activities for the Water Reuse Advisory Committee and District support in several reclamation study projects, including cooperation with DWR of the feasibility of using reclaimed water to meet a portion of the water needs of Santa Clara County. Also included is staff support for the regional water reclamation study.

Groundwater Model $43,199

This is a continuing project to provide for the improvement and operation of the District's groundwater model. In this fiscal year, efforts will be made to further refine the calibration of the north county model, making it operational on District equipment, produce a user's manual, extend the data base to the present and use it in basin management.

Water Resources Master Planning $85,257

This project consists of a continuing review of the projected water demands of the various sources of supply including reclaimed water and of the optimization of the distribution of the total supply to meet the demand.

Water Quality Studies $147,597

This project contains all the general studies related to water quality being performed by the District. It is composed of two parts: a) short term problem related studies, and b) special studies needed to enhance water quality. Work to be done this year will concentrate in the areas of erosion control and groundwater quality.

Operations Program

Funds budgeted in this program provide for field surveillance of groundwater and surface water facilities, operation of the meter test facility, and meter testing and repair activities. It also provides for the collection of surface and groundwater quality data and for the monitoring of depth to groundwater in the various groundwater basins. The amount budgeted for this fiscal year is $299,898 compared to $369,493 in the preceding fiscal year.

Administration Program

This program includes Insurance, Administrative, Water Revenue Collection and Dock Permit Administration Projects. The amount budgeted for this fiscal year is $170,616 which represents a $3,207 decrease compared to the preceding year.

PROGRAM SUMMARY BY PROJECT

Project	PROGRAM					Project Totals
	Planning	Construction	Maintenance	Operations	Administration	
Technical Services	$			906		906
Insurance					25,000	25,000
Administrative Projects					32,697	32,697
Water Revenue Collection					112,919	112,919
Water Measurement				243,699		243,699
Financial & Cash Flow Study	101,463					101,463
Annual Water Supply Balance	28,432					28,432
Water Reclamation Studies	45,015					45,015
Groundwater Model	43,199					43,199
Water Quality Monitoring				33,420		33,420
Groundwater Monitoring				21,873		21,873
Water Resources Master Planning	85,257					85,257
Water Quality Studies	147,597					147,597
Total	$ 450,963			299,898	170,616	921,477

DISTRICT

DIRECT COSTS

GOVERNMENTAL PROGRAM

FIXED ASSETS

DISTRIBUTED EXPENSES

ADMINISTRATION PROGRAM

SERVICES AND SUPPLIES

THE DISTRICT COST CENTER

The District Cost Center Budget is presented in two parts. The first part contains the budget for Direct Costs. Direct Costs consist of the Governmental Program and Fixed Assets. The second part contains the budget for Distributed Expenses. Distributed Expenses consist of the Administration Program and Service and Supplies.

The primary source of revenues to support the Direct Costs of the District Cost Center is an allocation from the Countywide tax levy.

The District Cost Center can make loans to other cost centers with the approval of the Board of Directors. In 1980-81, the District Cost Center appropriated $364,506 to loan the South Zone of which approximately the entire amount was transferred.

REVENUE SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Balance Beginning of Year	$4,777,043	4,632,466	4,500,000	4,525,012
Revenue Sources				
Property Taxes	605,276	639,500	704,100	787,722
Interest	510,066	518,749	648,450	648,450
Agreements and Advances	55,653			
Other	22,344	10,000	10,000	10,000
Total Revenue Sources	1,193,339	1,168,249	1,362,550	1,446,172
Total Available	$5,970,382	5,800,715	5,862,550	5,971,184

OUTLAY SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Governmental Program	$ 775,911	906,183	977,218	977,218
Fixed Assets	259,772	341,418	397,590	397,590
Loan	172,527	364,506	1,280,000	1,280,000
Inter Fund Loan Appropriation		3,188,608	2,207,742	2,316,376
Contingency Appropriation	894,500	1,000,000	1,000,000	1,000,000
Total Appropriated	2,102,710	5,800,715	5,862,550	5,971,184
Balance End of Year	3,867,672			
Total	$5,970,382	5,800,715	5,862,550	5,971,184

Projects within the Governmental Program are those which cannot be readily identified with Flood Control or Water Utility Cost Centers. They can be categorized as general type projects which support Districtwide activities. Proposed appropriations for fiscal year 1981-82 have increased $71,035 compared to the preceding year. A comparative summary of expenditures can be found on Exhibit 1, page 59. Projects included in the Governmental Program for 1981-82 are:

Basic Data Collection $278,997

This project provides for the collection and publication of basic data items such as the amounts and distributions of precipitation, streamflow quantities, tide elevations, reservoir storage, evaporation, sedimentation within District reservoirs and items of a similar nature.

Flood Insurance Liaison Study $15,284

This project is a continuing program to provide updating of flood maps relative to requirements of the Federal Flood Insurance Program and for dissemination of general information to all concerned with the program. The District works with local communities in the development of land use criteria in the floodplain areas and in their review of flood insurance rate studies.

Vertical Monumentation $4,185

This project will extend permanent vertical monument control on District facilities.

Insurance Project $26,560

This project provides for a portion of an insurance reserve to meet the deductible amounts in the event of a loss, reimbursement cost of damage to District fixed assets that are not insured, and pay for additional premiums generated due to market fluctuations or adverse loss experience. Also provided for in this project is the labor necessary to manage the District's Risk Management Program.

Administrative Projects $389,209

This project provides for all time chargeable to District administrative work which cannot be directly related to a Flood Control Zone Cost Center or a Water Utility Cost Center but rather has a benefit to the District as a whole. The following is a list of functions usually found within this basic project: Personnel Education and Training, Personnel Recruitment, Budget Preparation, Meetings, Administrative Analysis, Updating of Manuals, Personnel Safety, and Geographic Names Study.

Basic Hydrology $44,890

This is a continuing project which consists of analysis of data collected under the Basic Data Collection Project. The analysis of the data assists in determining optimum reservoir operation of our existing reservoir system. Data will continue to be gathered for the purpose of creating historical records which can be used in the analysis of District flood control and water supply problems.

Directors' Fees and Expenses $38,000

This project provides for the per diem fees and expenses of the District's Board of Directors.

Legal Projects $66,559

This project provides for the legal services of the District and for other legal costs which cannot be directly related to a specific scope of work in the Flood Control Zone Cost Centers or the Water Utility Cost Centers.

Public Education $79,197

This project provides for the operation and management of a Districtwide program of public information and education. Activities include: preparation of information, displays, brochures, periodic publications for internal and external informational use, providing for tours of District facilities, management and promotion of the Speakers Bureau, conducting liaison work with film production, advertising, graphics and public relation consultants for services related to the District's overall public information requirements, providing public information advice and consultation to District Units and provide written and graphic communication to others.

Photo File System $21,641

This project will provide labor and equipment to establish a photo filing system which will allow rapid retrieval of resources, cross indexing, security for valuable photos, rapid reproduction of usable photos and easy maintenance of the system.

Environmental Analysis $12,696

This project provides for review and formal comment on environmental impact reports submitted to the District by outside agencies and general support of environmental impact report activities such as the review and preparation of District environmental impact report guidelines, procedures and community informational meetings relative to the District's environmental impact report process. Also provided is an evaluation and comparison of the impacts of selected major construction projects that occur after completion of the project. An assessment will also be conducted to determine whether mitigation measures included in the project have met their intended purpose.

Fixed Assets purchased from the District Cost Center are used to support Districtwide activities as a whole. They are the type of expenditure that cannot be identified with or purchased from the funds of any other cost center. Proposed appropriations for fiscal year 1981-82 have increased $56,172 compared to the preceeding year. A comparative summary of expenditures can be found on Exhibit 2, page 60. Items included in Fixed Assets for 1981-82 are:

Structures and Improvements $46,400

These funds are to provide for an additional paved parking area which was lost with the widening of Almaden Expressway and acquisition of a portable trailer. The trailer has previously been leased and the option to buy should be exercised in support of basic data gathering information.

Office Equipment $30,125

Budgeted funds provide for the acquisition and/or replacement of typewriters, calculators, a tape recorder and one copy machine. The major expense is the exercise of the lease/purchase option of the word processing system.

Automotive Equipment $36,150

The budgeted funds are necessary to provide one sedan, two raised top vans for electric/electronic maintenance and one light utility pick up truck.

Communication Equipment $18,700

Budgeted funds are necessary to replace three mobile radios that are 14 years old and require frequent maintenance. Also included is the addition of four mobile radios to be used by new maintenance personnel authorized last year and three paging units for "on call" maintenance personnel.

Other Equipment $137,734

New items of equipment being budgeted are: video equipment, two fixed displays, programmable calculator, electronic surveying measuring device, a road grader, three-inch mud pump, engine diagnostic analyzer, air compressor, pavement breaker, ventilation blower system for work in confined spaces, trailer mounted lighting tower with accessories, 3500-watt diesel driven generator, safety cabinet for storing flammable liquids, recording ampmeter, electronic test equipment, combination combustible toxic and oxygen deficiency test meters, oscilloscope and pulse generator.

Office Furniture $20,261

The account provides for various desks, chairs, tables, file cabinets for replacement of worn out office furniture, office partitions and refurbishment of lobby area.

Computer Equipment $108,220

The budgeted amount provides for the annual deferred payment of the Burroughs 3800 System. This equipment is being purchased under an approved lease-purchase agreement. Also included in the acquisition of one desk top computer and a CRT for library, ordinance and photo filing system.

EXHIBIT 1

SUMMARY OF GOVERNMENTAL PROGRAM PROJECTS

PROJECT	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Basic Engineering	$ 2,928			
Basic Data Collection	227,103	277,721	278,997	278,997
Flood Insurance Liaison Study	15,624	14,704	15,284	15,284
Vertical Monumentation		6,110	4,185	4,185
Insurance Project	22,813	25,776	26,560	26,560
Administrative Projects	330,365	326,500	389,209	389,209
Basic Hydrology	33,256	59,545	44,890	44,890
Directors Fees and Expenses	43,430	47,000	38,000	38,000
Legal Projects	37,137	68,129	66,559	66,559
Public Education	56,577	68,385	79,197	79,197
Photo File System			21,641	21,641
Environmental Analysis	6,678	12,313	12,696	12,696
Program Total	$ 775,911	906,183	977,218	977,218

EXHIBIT 2

SUMMARY OF FIXED ASSET ACCOUNTS

ACCOUNT		Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
1200	Land	$ 80,000	88,700		
1300	Structures & Improvements	58,525	16,000	46,400	46,400
1401	Office Equipment	5,290	11,115	30,125	30,125
1402	Automotive Equipment	11,111	41,200	36,150	36,150
1403	Communications Equipment	32	13,250	18,700	18,700
1404	Hydrologic Equipment	1,526	5,800		
1406	Other Equipment	15,593	48,915	137,734	137,734
1407	Office Furniture	5,424	7,238	20,261	20,261
1408	Computer Equipment	82,271	109,200	108,220	108,220
Total		$259,772	341,418	397,590	397,590

DISTRIBUTED EXPENSE

Distributed Expense is an overhead cost. Overhead consists of the District Cost Center's Administration Program and its Services and Supplies accounts. These expenditures are reimbursed by applying the Distributed Expense as an overhead rate to all District labor charged to work performed in other cost centers. Since all costs are reimbursed, expenditures for Distributed Expense do not reduce the revenues of the District Cost Center.

SUMMARY BY PROGRAM

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Administration Program	$3,272,897	3,730,918	4,477,412	4,477,412
Services and Supplies	585,715	822,532	1,038,609	1,038,609
Total Expenditures	$3,858,612	4,553,450	5,516,021	5,516,021

Administration Program

Administration Program expenditures are those which support Districtwide activities and therefore cannot be charged directly to another cost center or fund. These projects reflect a $746,494 increase compared to the preceding year. A comparative summary of expenditures can be found on Exhibit 3, page 66. Projects included in the Administration Program for 1981-82 are:

Sick Leave, Vacation, etc. $1,196,979

This project includes all time chargeable to Sick Leave, Vacation, Holidays, Jury Duty, Military Leave, and approved Leave with Pay.

Ordinance Administration $30,260

This project provides for labor necessary to prepare manuals, standards and design aids to assist in the enforcement and application of Ordinance 74-1. The budgeted amount also provides for investigation and resolution of violations to Ordinance 74-1 and to prepare materials to generate public awareness of potential violations.

General Services $145,012

This project provides for District labor spent in general activities such as purchasing, reproduction and printing services, claims administration, equipment and materials inventory, building maintenance administration and messenger services.

Finance Services $180,428

This project provides accounting services for all areas of the District, including Flood Control Zones, Water Utility Enterprise, general governmental activities, revenue, payroll, investments and the Equipment Working Capital Fund.

Secretarial Services $542,811

This project provides for the secretarial and clerical services for the entire District. This includes personnel records, reception services, library services, filing, mail distribution, maintenance of minutes for committees and the Board of Directors, dictation, typing, and general secretarial services.

Management Project $278,593

This project provides for time spent by management personnel of the District.

Data Processing - Business, Administrative and Commercial $107,012

This project provides for the systems design, programming, debugging, operations and maintenance of business, administrative, and commercial data processing applications that are of general benefit to the entire District.

Computer Systems Analysis $23,585

This project provides for analysis and evaluation of proposed computer configurations, terminals, new programs and new operation techniques.

Data Processing Operations $68,235

This project provides for data processing operations required by and associated with the in-house computer facility. This includes the computer operator, data entry operations, and supervisory and technical support for the entire system.

Administration Center Maintenance $92,345

This project provides for the routine maintenance, custodial and landscaping work required to maintain the Administration and Maintenance Headquarters, the Almaden Yard, and Class IV equipment.

Employee Benefits $1,812,152

This project provides for funding the employee health and accident insurance, long-term disability, dental insurance, basic life insurance, and retirement program through the Public Employees Retirement System.

Services and Supplies purchased from the District Cost Center are used to support Districtwide activities as a whole. They are of the type that cannot be identified with or purchased directly from funds of any other cost center. The costs of Services and Supplies are, however, recovered as applied overhead. Services and Supplies costs have increased by $216,077. A comparative summary of expenditures can be found on Exhibit 4, page 67. Items included in Services and Supplies for 1981-82 are:

Communications $101,040

This account provides for all telephone service at the Almaden Complex and the installation of a new Dimension 400 telephone system. There is a one time installation charge of $23,400 included in the total amount.

Insurance - Workers' Compensation $146,000

This account provides premiums for Workers' Compensation Insurance. The experience rating modification is set at 79 percent of premium computed at basic or scheduled levels.

Insurance - Other $5,000

This account includes premiums for property insurance for Administration Headquarters and Maintenance Buildings and contents, miscellaneous tools, and non-owned aircraft insurance.

Unemployment Insurance $7,500

This account is a requirement of legislation passed during 1977-78. It provides for the cost of unemployment benefits.

Maintenance Services $207,629

This account provides for drafting and survey equipment maintenance, maintenance of audio-visual equipment, janitorial services, fire extinguisher and alarm service, pest control service, elevator maintenance, furniture refurbishing, office and copying machine maintenance, air-conditioning and heating maintenance, alterations to the Administration Building, maintenance of the Burroughs computer equipment, maintenance of the building and ground areas, and replacement of redwood facility signs. Over half of the increase in this account will be for repairs to the roof of the Administration Building.

Materials and Supplies $43,530

This account includes funding for floor sealer for the Administrative Annex, supplies for keypunch equipment, lumber, paint, steel pipe, welding supplies, masonry supplies, and maintenance requirements for maintaining the Administration and Maintenance Headquarters, the Almaden Yard, and Class IV equipment.

Memberships $13,878

This account includes funding to provide for various professional and technical memberships in associations which relate to the functions of the District.

Office Expense - General Supplies $54,625

This account includes drafting supplies, notebooks, binders, pencils, graph paper, tab cards, labels, library supplies, computer paper, printer ribbons, and other supplies of general nature.

Office Expense - Reproduction Supplies $23,650

This account includes paper and operating supplies for the various copy machines, bindery supplies, and supplies used for the blueprint machine.

Office Expense - Printing and Binding $12,500

This account provides for printing of personnel announcements and brochures; budget divider pages; general business forms, such as letterhead, envelopes, business cards, purchase orders, and requisitions necessary for operation of the District, payroll and general fund checks; W-2 forms; map reproduction; and general printing and binding that cannot be performed by District facilities.

Office Expense - Postage $12,730

This account provides funding for metered mail and miscellaneous postage.

Contract Services - Auditing $3,000

This account provides for the District's share of the annual audit fee of financial transactions. This is the second year of a three-year contract.

Contract Services - Data Processing $37,720

This account provides for computer services which cannot be supplied by the current in-house capability. Included are programming services and analysis, keypunch services to provide for vacations and unusual backlogs, and data communications handler maintenance for software systems. Also included are programming services to develop software for the flood control maintenance scheduling and measurement system.

Contract Services - Other $105,990

Budgeted amounts provide for pre-employment physicals and placement testing, microfilming, updating of the evaluation of the District's buildings and contents, security services for the Administration Building, after hours availability of District cafeteria services, microfiche services, temporary help and software consultant services.

Publication Fees and Legal Notices $10,000

This account is to provide for recruitment advertising and miscellaneous legal advertising and notices.

Lease Expense - Equipment $37,590

Requested funding provides for the lease of equipment to be used with the Burroughs computer system, duplicating machines, rental of equipment to be used for maintenance of the Administration and Maintenance Buildings and Grounds and the rental of office space in Gilroy.

Small Tools and Instruments $24,945

This account is to provide for general small tools and instruments required by the District.

Special Expense - Education $15,925

This account provides for tuition fees, textbooks and supplies for educational courses, seminars, conferences, and training programs.

Special Expense - Other $48,847

This account provides for the acquisition of publications, library documents, and employee awards as well as for procurement of film, photographic processing and election expenses.

Transportation and Travel - Public/Lodging/Meals $41,010

This account provides funding for authorized travel by the staff while on District business. The budgeted amount also includes lodging and meal expenses.

Utilities $85,500

This funding is to provide utilities at the Administration and Maintenance Headquarters Buildings. Budgeted amounts include funding for water, gas, electricity, disposal and dump charges, standby charges, and sewer service and use charges.

EXHIBIT 3

SUMMARY OF ADMINISTRATION PROGRAM PROJECTS

PROJECT	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Sick Leave, Vacation, etc.	$ 960,865	1,047,492	1,196,979	1,196,979
Ordinance Administration	22,724	29,265	30,260	30,260
General Services	130,134	147,737	145,012	145,012
Finance Services	135,145	160,761	180,428	180,428
Secretarial Services	378,968	508,422	542,811	542,811
Management Project	306,997	291,342	278,593	278,593
DP - Engineering & Scientific	11,849	9,010		
DP - Processing-Business Admin.	91,427	83,464	107,012	107,012
Computer Systems Analysis	13,757	14,310	23,585	23,585
Data Processing Operations	51,878	68,112	68,235	68,235
Administration Center Maintenance	80,032	69,764	92,345	92,345
Employee Benefits	1,089,121	1,301,239	1,812,152	1,812,152
Total	$3,272,897	3,730,918	4,477,412	4,477,412

DISTRICT DISTRIBUTED EXPENSE

Exhibit 4

SUMMARY OF SERVICES AND SUPPLIES ACCOUNTS

	ACCOUNT	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
6100	Communication	$ 53,862	58,806	101,040	101,040
6510	Insurance-Workers' Comp.	98,073	115,000	146,000	146,000
6520	Insurance-Other	5,540	5,500	5,000	5,000
6530	Unemployment Insurance	1,276	20,000	7,500	7,500
7200	Maintenance-Services	94,088	154,100	207,629	207,629
7400	Materials and Supplies	11,355	34,050	43,530	43,530
7700	Memberships	11,833	12,885	13,878	13,878
7810	Office Expense-General Supplies	34,671	49,245	54,625	54,625
7820	Office Exp.-Repro. Supplies	14,150	20,350	23,650	23,650
7830	Office Exp.-Printing & Binding	8,333	12,305	12,500	12,500
7840	Office Expense-Postage	10,644	12,600	12,730	12,730
8020	Contract Services-Auditing	16,000	3,000	3,000	3,000
8030	Contract Services-DP	2,667	6,700	37,720	37,720
8050	Contract Services-Legal		7,605		
8060	Contract Services-Other	54,014	49,695	105,990	105,990
8100	Publication Fees & Legal Notices	2,405	4,000	10,000	10,000
8420	Lease Expense-Equipment	39,801	50,940	37,590	37,590
8600	Small Tools & Instruments	7,321	21,620	24,945	24,945
8710	Special Expense-Education	8,361	15,300	15,925	15,925
8730	Special Expense-Other	20,642	64,231	48,847	48,847
9110	Trans. & Trav.-Pub./Lodg./Meals	34,118	34,600	41,010	41,010
9300	Utilities	56,561	70,000	85,500	85,500
Total		$ 585,715	822,532	1,038,609	1,038,609

SERVICE FUND

EQUIPMENT WORKING CAPITAL FUND

REVENUE SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Balance Beginning of Year	$1,274,118	1,359,324	1,240,000	1,233,669
Revenue Sources				
Equipment Rental	414,962	495,721	494,531	494,531
Interest	146,395	155,973	185,200	185,200
Sale of Equipment	15,363	17,000	16,000	16,000
Total Revenue Sources	576,720	668,694	695,731	695,731
Total Available	$1,850,838	2,028,018	1,935,731	1,929,400

OUTLAY SUMMARY

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Operating Expense	$ 377,232	473,422	643,447	643,447
Equipment Purchase	26,703	230,270	257,900	257,900
Total Expenditures	403,935	703,692	901,347	901,347
Inter-Fund Adjustment	6,527	9,125	11,975	11,975
Replacement Appropriation	1,390,376	1,265,201	972,409	966,078
Contingency Appropriation	50,000	50,000	50,000	50,000
Total Appropriated	$1,850,838	2,028,018	1,935,731	1,929,400

BACKGROUND INFORMATION

The Equipment Working Capital Fund was established for the purpose of maintaining, operating and replacing three types of mobile equipment owned by the District. Type I Equipment consists of sedans and pickup trucks, Type II Equipment consists of heavy-duty trucks and Type III Equipment consists of heavy-operating equipment such as bulldozers, draglines and other similar types of equipment used for maintenance of District projects.

The Equipment Working Capital Fund is self-supporting with all replacement and maintenance costs being charged by preestablished rates to all projects in the various cost centers. The expenses of the equipment Working Capital Fund are recovered by a mileage rate charged on Type I Equipment and hourly rate charged for Types II and III Equipment.

Equipment Purchase

This Section reflects the cost of all replacement items. The budgeted amount of $257,900 provides for the replacement of the various classes of equipment shown below. The necessary funding is provided by current revenue, supplemented by amounts accumulated for the replacement of equipment items. The items listed for replacement have been selected on the basis of accumulated mileage, obsolescence and planned needs of the District.

Class I Equipment — $111,900

Class I Equipment items scheduled for replacement consist of: five compact sedans, two 1/2-ton pickups, one 3/4 ton dump bed pickup and eight light utility pickups.

Class II Equipment — $127,000

Class II equipment items scheduled for replacement consist of: one cab-chassis truck, three bobtail dump trucks and one tilt deck trailer.

Class III Equipment — $19,000

Class III equipment items scheduled for replacement consists of: one wood chipper.

Operating Expense

The Operating Expense Section of the Equipment Working Capital Fund provides for insurance, materials and supplies, and District labor to service and maintain all equipment items within the fund.

SUMMARY OF EQUIPMENT PURCHASE AND OPERATING EXPENSE

	Actual 1979-80	Approved 1980-81	Requested 1981-82	Final 1981-82
Equipment Purchase				
Class I	$ 25,025	82,150	111,900	111,900
Class II		82,120	127,000	127,000
Class III	1,678	66,000	19,000	19,000
Operating Expense	383,759	482,547	655,422	655,422
Total Purchase and Expense	$410,462	712,817	913,322	913,322